

Kuipers & Associates

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Date: December 22, 2008

To: Anaconda Deer Lodge County

From: Kuipers & Associates

Subject: **Ambient Air Quality Monitoring
Opportunity and Warm Springs Sites
November 2008 Monthly Report**

This November 2008 report documents the ambient air quality monitoring program conducted by Kuipers & Associates on behalf of Anaconda Deer Lodge County at the Opportunity and Warm Springs locations adjacent to the Atlantic Richfield Lower Waste Management Area. Total Suspended Particulate (TSP) is monitored at Opportunity, and PM10 at Warm Springs. Additionally, wind speed, wind direction, temperature and relative humidity are monitored at both sites.

Pyrex dishes have been in place since August 15, 2008 at both sites to capture settling dust. The dust is being collected onto filters using a personal sampling pump, in conjunction with twice-weekly site visits. The first set of preliminary results was obtained in late November:

- At the Opportunity site, the arsenic concentration in the dust was 168 mg/kg, and the lead concentration was 132 mg/kg based on sample collection from August 15 – October 2, 2008 (48 days). These results are consistent with airborne concentrations reported by the Atlantic Richfield South (Opportunity) samplers during the first half of 2008.
- At the Warm Springs site, the estimated concentrations were 23.3 mg/kg for arsenic, and 33.8 mg/kg for lead based on sample collection from August 15 – October 2, 2008 (48 days). The Warm Springs results are considered estimates because of a filter weighing issue.

Additional sampling using dustfall jars was implemented on October 17, 2008. Preliminary results from this analysis are anticipated in late December 2008.

All data, discussion and conclusions provided in this report are preliminary and will undergo a complete quality assurance review prior to issuance of final results in quarterly and annual reports in accordance with the project Sampling and Analysis Plan. Results for the month are summarized as follows:

- Hourly average data were collected continuously by the monitors from November 1st through November 30th, with 99.6% availability for TSP at the Opportunity location and 97.5% availability for PM10 at the Warm Springs location.

- Downtime at the Opportunity location occurred on November 3 at 17:00 MST and on November 24 from 16:00 MST through 17:00 MST for monthly calibration checks and routine maintenance.
- Downtime at the Warm Springs location occurred on November 3 at 16:00 MST and on November 24 at 15:00 MST for monthly calibration checks and routine maintenance. Additional downtime occurred on November 5 at 14:00 MST, on November 13 from 04:00 MST through 16:00 MST, and on November 20 from 17:00 MST through 18:00 MST because of power failures.
- The hourly average data record for the month is attached. Current data is available for real-time electronic download on demand, and public viewing at:
<http://ka.airsis.com/vision/login.aspx?ReturnUrl=%2fvision%2fDefault.aspx> (Username = ADLC, Password = OCPA).
- At the Opportunity location the maximum TSP reading for the period on a daily average basis was 13 $\mu\text{g}/\text{m}^3$, and the average monthly concentration for November was 5 $\mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was 71 $\mu\text{g}/\text{m}^3$. This value was associated with moderate westerly winds. The four highest daily and hourly maximum values are summarized in Table 1, and the average daily data for the month is attached together with meteorological information in Table 3.
- At the Warm Springs location the maximum PM10 reading for the period on a daily average basis was 19 $\mu\text{g}/\text{m}^3$, and the average monthly concentration for November was 3 $\mu\text{g}/\text{m}^3$. The maximum reading for the period on an hourly average basis was 86 $\mu\text{g}/\text{m}^3$. This value was associated with light southwesterly winds. The four highest daily and hourly maximum values are summarized in Table 2, and the average daily data for the month is attached together with meteorological information in Table 4.

Table 1
Opportunity Site TSP Maximum Data, November 2008

Maximum	TSP ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	13	11/13/2008	9.2	289
Daily 2nd Max	12	11/1/2008	4.2	186
Daily 3rd Max	11	11/26/2008	3.9	333
Daily 4th Max	11	11/9/2008	2.0	5
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Hourly 1st Max	71	11/13/2008 19:00	10.5	281
Hourly 2nd Max	63	11/13/2008 20:00	6.7	346
Hourly 3rd Max	42	11/19/2008 16:00	8.3	17
Hourly 4th Max	38	11/4/2008 10:00	4.3	169

Table 2
Warm Springs Site PM10 Maximum Data, November 2008

Maximum	PM10 ($\mu\text{g}/\text{m}^3$)	Date & Time (MST)	Wind Speed (mph)	Wind Direction (deg)
Daily 1st Max	19	11/9/2008	1.6	31
Daily 2nd Max	7	11/13/2008	8.6	316
Daily 3rd Max	6	11/2/2008	3.2	221
Daily 4th Max	6	11/25/2008	1.7	6
Hourly 1st Max	86	11/9/2008 3:00	1.1	234
Hourly 2nd Max	56	11/9/2008 4:00	1.3	240
Hourly 3rd Max	54	11/9/2008 6:00	1.6	12
Hourly 4th Max	47	11/13/2008 19:00	11.6	313

- There are no Montana or Federal air quality standards for TSP; both were replaced by the current PM10 standard in 1987. Prior to 1987 the Montana annual TSP standard was $75 \mu\text{g}/\text{m}^3$, the 24-hour standard was $200 \mu\text{g}/\text{m}^3$ and there was no hourly standard. TSP results for November at Opportunity were below these historical standards. Monitoring for PM10 from May 2007 through June of 2008 showed that PM10 concentrations were consistently below regulatory levels. To facilitate comparison with previously collected PM10 data, the TSP data are being reported at Local temperature and pressure conditions.
- At the Warm Springs monitoring site daily average PM10 results for the month of November were well below the 24-hour Montana Ambient Air Quality Standard of $150 \mu\text{g}/\text{m}^3$. The average monthly concentration was below the annual PM10 standard of $50 \mu\text{g}/\text{m}^3$. There currently is no State or Federal standard for hourly PM10 data.
- Precipitation for the month was above normal according to Butte airport records.
- Wind roses are attached to graphically depict prevailing winds.
 - Figure 1 shows the Opportunity location, where the predominant wind directions in November were from the southwest quadrant. West-northwest winds were also common.
 - Figure 2 shows the Warm Springs location, where the predominant wind directions were southerly.
- If a dust storm event or nuisance dust in general is observed, please contact us so that we may respond, and try to quantify and document the problem. We are available seven days per week 24 hours per day and ask that you contact the following (in order) until someone is notified.

Dust Event Contacts:

Steve Heck	498-4199
David Dobrinien	490-9205
Jim Kuipers	782-3441, then 459-0445
Sarah Zuzulock	585-9932, then 581-1355

Table 3
Opportunity Site Daily Average Data

Date	TSP Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
November 1, 2008	12	1.9	4.2	186	9.1	48.4	59
November 2, 2008	4	1.4	3.2	247	6.9	44.4	81
November 3, 2008	1	2.4	5.3	232	3.6	38.4	67
November 4, 2008	7	1.8	4.0	249	1.1	34.0	78
November 5, 2008	3	2.7	6.1	284	-1.5	29.3	56
November 6, 2008	4	1.8	4.1	185	-1.9	28.6	57
November 7, 2008	5	1.4	3.1	3	4.0	39.3	79
November 8, 2008	2	1.7	3.9	172	7.0	44.6	73
November 9, 2008	11	0.9	2.0	5	1.7	35.0	89
November 10, 2008	8	1.6	3.6	345	3.1	37.7	78
November 11, 2008	3	2.7	6.1	223	2.2	36.0	66
November 12, 2008	1	4.7	10.5	227	7.6	45.7	67
November 13, 2008	13	4.1	9.2	289	3.5	38.4	63
November 14, 2008	6	1.4	3.2	271	-2.8	27.0	55
November 15, 2008	3	2.6	5.8	222	5.2	41.3	54
November 16, 2008	2	2.4	5.4	214	7.8	46.1	45
November 17, 2008	6	2.9	6.6	169	8.9	48.1	36
November 18, 2008	7	2.9	6.4	225	9.7	49.4	36
November 19, 2008	9	1.6	3.6	353	-0.7	30.7	74
November 20, 2008	7	2.7	6.1	156	0.8	33.4	66
November 21, 2008	0	3.1	6.9	251	0.2	32.3	52
November 22, 2008	2	2.7	6.0	230	1.3	34.4	44
November 23, 2008	3	2.1	4.8	247	-2.7	27.2	56
November 24, 2008	6	2.3	5.1	188	-0.8	30.6	47
November 25, 2008	8	1.7	3.8	184	-0.8	30.6	53
November 26, 2008	11	1.8	3.9	333	-2.0	28.5	63
November 27, 2008	9	1.6	3.5	188	-4.2	24.4	67
November 28, 2008	4	2.6	5.9	311	0.7	33.3	64
November 29, 2008	1	2.4	5.5	328	2.2	35.9	76
November 30, 2008	5	1.5	3.4	335	2.0	35.6	87

Table 4
Warm Springs Site Daily Average Data

Date	PM10 Daily ($\mu\text{g}/\text{m}^3$)	Wind Speed Daily (meters per second)	Wind Speed Daily (miles per hour)	Wind Direction Daily (degrees true)	Air Temperature Daily (Celsius)	Air Temperature Daily (Fahrenheit)	Relative Humidity Daily (percent)
November 1, 2008	6	1.9	4.4	180	9.5	49.1	60
November 2, 2008	6	1.4	3.2	221	6.6	43.8	84
November 3, 2008	-1	2.1	4.6	205	3.7	38.6	69
November 4, 2008	4	1.5	3.3	250	1.0	33.7	81
November 5, 2008	0	2.7	6.0	260	-2.1	28.2	58
November 6, 2008	1	1.7	3.8	187	-2.8	27.1	61
November 7, 2008	5	1.3	3.0	213	4.0	39.2	80
November 8, 2008	6	1.9	4.2	178	7.3	45.2	74
November 9, 2008	19	0.7	1.6	31	1.6	35.0	89
November 10, 2008	4	1.3	2.9	306	3.7	38.7	76
November 11, 2008	0	2.6	5.8	198	2.7	36.8	66
November 12, 2008	1	4.6	10.3	204	8.6	47.5	64
November 13, 2008	7	3.8	8.6	316	1.5	34.8	62
November 14, 2008	4	1.3	3.0	252	-4.0	24.8	61
November 15, 2008	0	2.0	4.4	184	3.9	39.1	60
November 16, 2008	0	2.7	6.0	178	7.5	45.5	50
November 17, 2008	0	3.1	7.0	173	10.3	50.5	34
November 18, 2008	4	2.6	5.8	190	10.2	50.4	37
November 19, 2008	5	1.2	2.6	25	-1.0	30.3	76
November 20, 2008	1	1.9	4.3	162	1.2	34.1	64
November 21, 2008	-1	3.4	7.7	238	0.7	33.3	50
November 22, 2008	-1	2.6	5.8	189	1.9	35.4	45
November 23, 2008	1	1.5	3.4	212	-3.3	26.1	60
November 24, 2008	6	1.4	3.1	182	-4.1	24.7	60
November 25, 2008	6	0.8	1.7	6	-5.6	22.0	72
November 26, 2008	5	1.4	3.1	94	-2.6	27.3	66
November 27, 2008	3	1.5	3.4	176	-4.7	23.6	68
November 28, 2008	2	1.5	3.3	326	-0.4	31.3	67
November 29, 2008	0	1.1	2.4	342	0.8	33.5	82
November 30, 2008	4	1.0	2.2	346	1.7	35.1	87

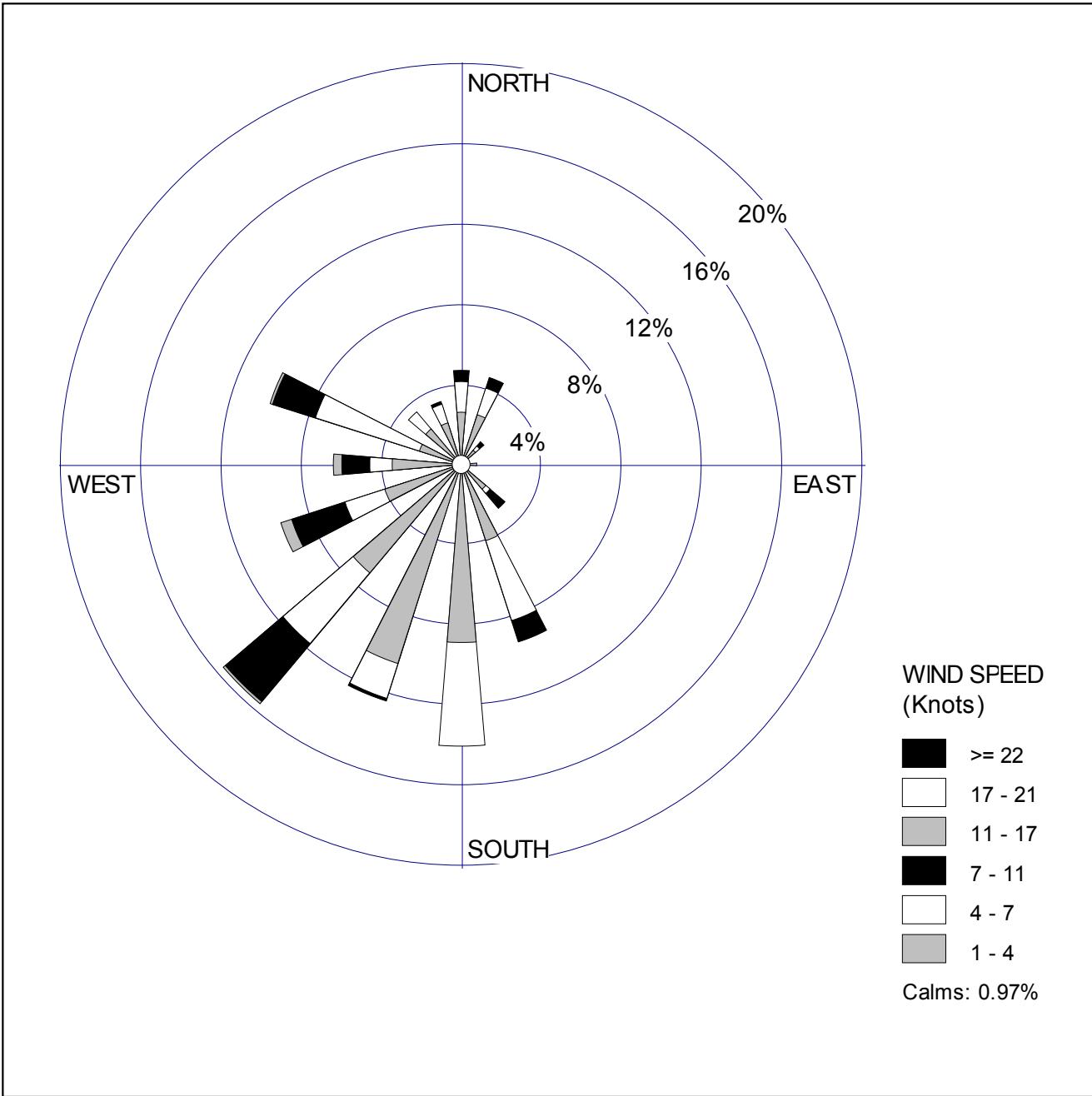


Figure 1. Wind Rose (percent of time blowing from indicated direction) for Opportunity EBAM Site November 2008.

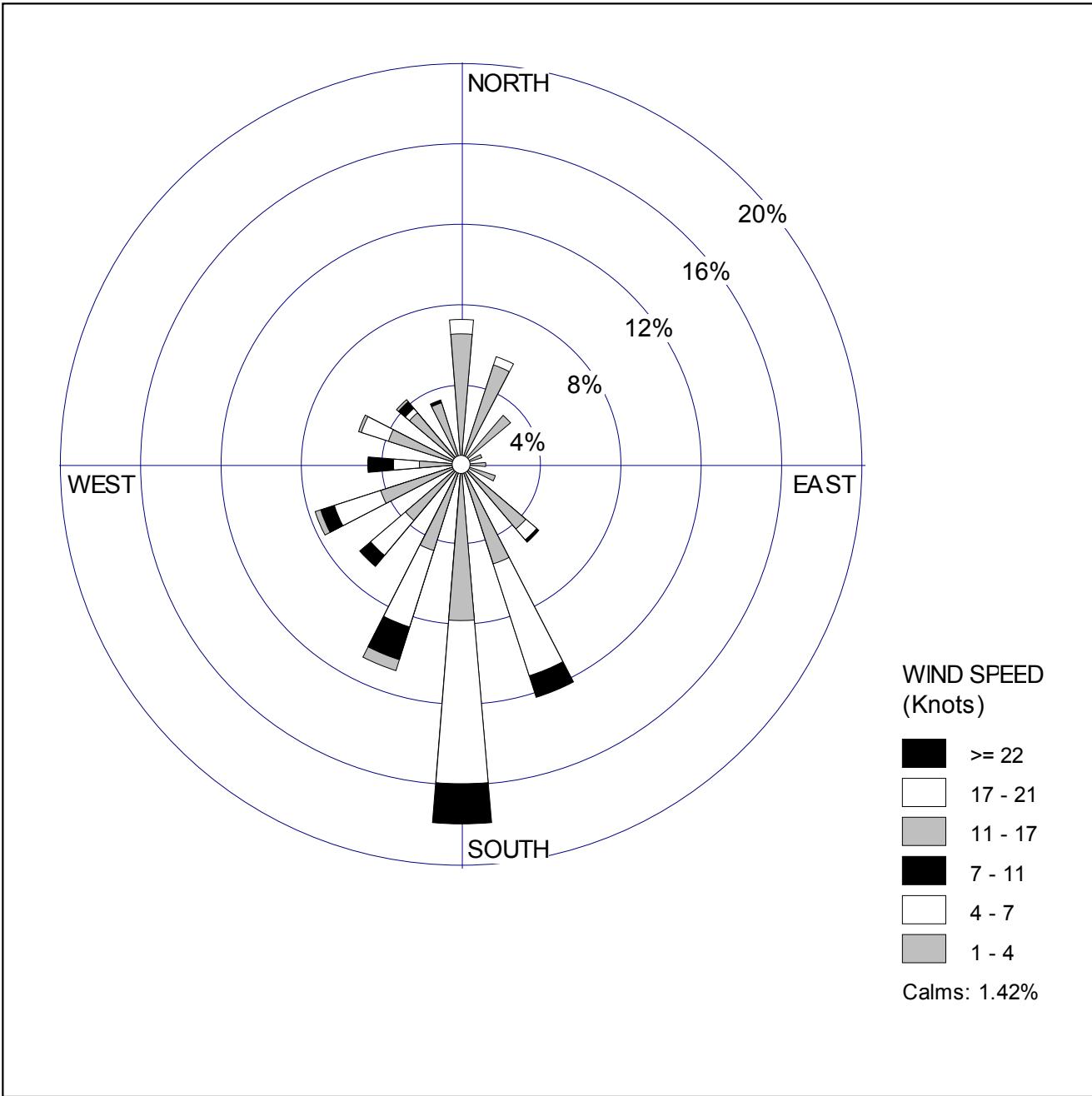


Figure 2. Wind Rose (percent of time blowing from indicated direction) for Warm Springs EBAM Site November 2008.

Table 5
Opportunity Site Hourly Average Data
Met One E-BAM
November 2008

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly ($\mu\text{g}/\text{m}^3$)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/1/2008 1:00	9	1.3	2.9	168	7.7	45.9	64
11/1/2008 2:00	12	1.3	2.9	198	7.1	44.8	65
11/1/2008 3:00	14	1.9	4.3	174	6.4	43.5	65
11/1/2008 4:00	11	1.4	3.1	193	5.1	41.2	69
11/1/2008 5:00	9	1.5	3.4	198	3.7	38.7	73
11/1/2008 6:00	9	1.6	3.6	179	3.8	38.8	72
11/1/2008 7:00	15	1.9	4.3	180	3.0	37.4	74
11/1/2008 8:00	11	2.3	5.1	172	3.9	39.0	70
11/1/2008 9:00	10	2.7	6.0	173	6.2	43.2	60
11/1/2008 10:00	10	3.1	6.9	167	8.7	47.7	55
11/1/2008 11:00	15	2.9	6.5	165	10.7	51.3	51
11/1/2008 12:00	15	3.3	7.4	157	13.8	56.8	44
11/1/2008 13:00	22	3.8	8.5	150	15.6	60.1	41
11/1/2008 14:00	12	2.3	5.1	157	16.2	61.2	40
11/1/2008 15:00	17	2.1	4.7	211	16.9	62.4	37
11/1/2008 16:00	18	3.0	6.7	234	14.7	58.5	42
11/1/2008 17:00	11	1.4	3.1	237	13.5	56.3	46
11/1/2008 18:00	12	1.1	2.5	204	11.5	52.7	52
11/1/2008 19:00	10	1.1	2.5	234	9.5	49.1	59
11/1/2008 20:00	16	0.8	1.8	278	9.8	49.6	62
11/1/2008 21:00	4	0.7	1.6	252	8.1	46.6	67
11/1/2008 22:00	5	0.9	2.0	248	6.4	43.5	71
11/1/2008 23:00	8	1.0	2.2	276	7.1	44.8	70
11/2/2008 0:00	7	1.3	2.9	195	8.7	47.7	65
11/2/2008 1:00	1	1.2	2.7	210	8.7	47.7	65
11/2/2008 2:00	29	1.2	2.7	207	9.0	48.2	77
11/2/2008 3:00	7	0.8	1.8	273	8.1	46.6	83
11/2/2008 4:00	7	0.8	1.8	197	7.3	45.1	87
11/2/2008 5:00	7	0.9	2.0	171	7.2	45.0	87
11/2/2008 6:00	-1	1.3	2.9	198	7.1	44.8	86
11/2/2008 7:00	12	1.1	2.5	214	6.5	43.7	86
11/2/2008 8:00	10	1.2	2.7	216	5.8	42.4	87
11/2/2008 9:00	6	1.2	2.7	215	6.7	44.1	84
11/2/2008 10:00	-4	1.3	2.9	235	7.4	45.3	83
11/2/2008 11:00	6	0.8	1.8	217	8.2	46.8	81
11/2/2008 12:00	7	1.0	2.2	227	8.8	47.8	79
11/2/2008 13:00	7	1.1	2.5	245	8.4	47.1	85
11/2/2008 14:00	4	3.0	6.7	260	7.8	46.0	85
11/2/2008 15:00	1	2.9	6.5	253	6.5	43.7	82
11/2/2008 16:00	8	0.9	2.0	52	6.2	43.2	85
11/2/2008 17:00	-5	1.9	4.3	259	6.4	43.5	79
11/2/2008 18:00	1	1.8	4.0	270	6.8	44.2	77
11/2/2008 19:00	1	0.8	1.8	177	6.2	43.2	81
11/2/2008 20:00	-5	1.8	4.0	257	6.2	43.2	80
11/2/2008 21:00	-5	2.0	4.5	272	6.1	43.0	74
11/2/2008 22:00	2	2.2	4.9	305	5.5	41.9	74
11/2/2008 23:00	-2	1.9	4.3	306	4.8	40.6	75
11/3/2008 0:00	1	1.6	3.6	250	3.6	38.5	76
11/3/2008 1:00	-5	1.6	3.6	241	3.2	37.8	77
11/3/2008 2:00	-3	1.5	3.4	241	3.4	38.1	77
11/3/2008 3:00	-4	2.8	6.3	241	3.8	38.8	72
11/3/2008 4:00	0	3.3	7.4	238	3.4	38.1	72
11/3/2008 5:00	-5	4.1	9.2	239	3.3	37.9	71
11/3/2008 6:00	-2	4.8	10.7	239	3.4	38.1	69
11/3/2008 7:00	-5	2.6	5.8	223	2.9	37.2	70
11/3/2008 8:00	0	1.6	3.6	216	2.7	36.9	71
11/3/2008 9:00	0	2.3	5.1	237	3.5	38.3	69
11/3/2008 10:00	-3	3.5	7.8	243	4.4	39.9	67
11/3/2008 11:00	3	4.0	8.9	242	5.1	41.2	64
11/3/2008 12:00	-1	3.1	6.9	230	5.9	42.6	59
11/3/2008 13:00	5	3.2	7.2	223	6.5	43.7	57
11/3/2008 14:00	-5	2.8	6.3	223	6.9	44.4	54
11/3/2008 15:00	5	3.6	8.1	230	7.4	45.3	49
11/3/2008 16:00	9	3.0	6.7	232	7.9	46.2	46
11/3/2008 17:00	BA	2.1	4.7	243	6.8	44.2	52
11/3/2008 18:00	-5	1.1	2.5	232	5.0	41.0	59
11/3/2008 19:00	-5	1.5	3.4	166	4.4	39.9	62
11/3/2008 20:00	6	1.0	2.2	203	2.6	36.7	70
11/3/2008 21:00	7	0.9	2.0	219	-0.2	31.6	79
11/3/2008 22:00	11	1.0	2.2	193	-1.1	30.0	80
11/3/2008 23:00	9	1.1	2.5	243	-2.2	28.0	82
11/4/2008 0:00	15	0.9	2.0	260	-3.3	26.1	86
11/4/2008 1:00	5	0.6	1.3	148	-1.9	28.6	85
11/4/2008 2:00	7	1.1	2.5	244	-1.5	29.3	84
11/4/2008 3:00	16	0.7	1.6	155	-0.8	30.6	84
11/4/2008 4:00	3	0.8	1.8	236	-0.7	30.7	85
11/4/2008 5:00	14	0.8	1.8	186	-0.5	31.1	85
11/4/2008 6:00	11	0.8	1.8	262	-1.2	29.8	87
11/4/2008 7:00	-5	1.2	2.7	245	0.3	32.5	84
11/4/2008 8:00	-4	1.2	2.7	210	1.6	34.9	81
11/4/2008 9:00	9	1.1	2.5	201	2.5	36.5	78
11/4/2008 10:00	38	1.9	4.3	169	3.7	38.7	75
11/4/2008 11:00	9	2.0	4.5	158	4.8	40.6	71
11/4/2008 12:00	13	3.0	6.7	262	4.1	39.4	73
11/4/2008 13:00	1	2.5	5.6	299	2.3	36.1	83
11/4/2008 14:00	-4	1.9	4.3	113	3.2	37.8	78
11/4/2008 15:00	5	2.0	4.5	151	4.2	39.6	69
11/4/2008 16:00	8	2.2	4.9	232	2.8	37.0	74
11/4/2008 17:00	2	1.3	2.9	162	1.0	33.8	85

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/4/2008 18:00	31	2.6	5.8	253	0.7	33.3	84
11/4/2008 19:00	2	2.7	6.0	292	0.6	33.1	79
11/4/2008 20:00	2	3.8	8.5	282	1.3	34.3	62
11/4/2008 21:00	-3	2.8	6.3	289	0.6	33.1	66
11/4/2008 22:00	-2	3.0	6.7	299	0.1	32.2	69
11/4/2008 23:00	0	2.1	4.7	296	-0.3	31.5	72
11/5/2008 0:00	9	0.8	1.8	277	-0.5	31.1	68
11/5/2008 1:00	0	2.4	5.4	284	-0.8	30.6	63
11/5/2008 2:00	3	1.9	4.3	295	-1.4	29.5	64
11/5/2008 3:00	0	2.1	4.7	294	-1.3	29.7	63
11/5/2008 4:00	5	2.8	6.3	289	-1.0	30.2	61
11/5/2008 5:00	-1	3.2	7.2	286	-1.0	30.2	59
11/5/2008 6:00	3	3.9	8.7	280	-1.0	30.2	53
11/5/2008 7:00	1	3.5	7.8	287	-1.4	29.5	56
11/5/2008 8:00	5	3.4	7.6	283	-1.9	28.6	61
11/5/2008 9:00	0	3.1	6.9	285	-1.4	29.5	57
11/5/2008 10:00	4	3.0	6.7	282	-0.9	30.4	53
11/5/2008 11:00	1	3.7	8.3	287	-0.5	31.1	53
11/5/2008 12:00	-5	3.5	7.8	289	0.2	32.4	53
11/5/2008 13:00	5	4.2	9.4	284	1.3	34.3	48
11/5/2008 14:00	-1	4.3	9.6	288	1.8	35.2	45
11/5/2008 15:00	12	3.7	8.3	294	1.8	35.2	42
11/5/2008 16:00	4	3.7	8.3	280	1.4	34.5	41
11/5/2008 17:00	6	2.4	5.4	286	0.4	32.7	47
11/5/2008 18:00	-1	1.5	3.4	278	-1.5	29.3	53
11/5/2008 19:00	4	1.5	3.4	293	-2.5	27.5	55
11/5/2008 20:00	-5	2.4	5.4	299	-2.4	27.7	53
11/5/2008 21:00	9	1.9	4.3	284	-3.3	26.1	54
11/5/2008 22:00	8	1.1	2.5	231	-5.5	22.1	61
11/5/2008 23:00	15	0.8	1.8	193	-7.3	18.9	67
11/6/2008 0:00	3	1.1	2.5	237	-8.0	17.6	70
11/6/2008 1:00	1	1.5	3.4	219	-5.5	22.1	62
11/6/2008 2:00	4	1.3	2.9	206	-5.9	21.4	63
11/6/2008 3:00	14	0.9	2.0	163	-8.6	16.5	70
11/6/2008 4:00	2	1.2	2.7	184	-10.0	14.0	76
11/6/2008 5:00	4	1.4	3.1	186	-10.0	14.0	75
11/6/2008 6:00	9	0.9	2.0	209	-10.6	12.9	77
11/6/2008 7:00	-5	1.1	2.5	193	-10.2	13.6	76
11/6/2008 8:00	5	1.1	2.5	214	-9.5	14.9	73
11/6/2008 9:00	3	2.0	4.5	174	-7.1	19.2	64
11/6/2008 10:00	5	2.7	6.0	163	-4.1	24.6	58
11/6/2008 11:00	12	2.7	6.0	162	-1.7	28.9	52
11/6/2008 12:00	3	2.8	6.3	160	0.7	33.3	44
11/6/2008 13:00	2	2.4	5.4	190	2.5	36.5	40
11/6/2008 14:00	1	2.3	5.1	205	3.8	38.8	38
11/6/2008 15:00	2	2.4	5.4	211	4.7	40.5	38
11/6/2008 16:00	6	2.2	4.9	219	5.4	41.7	38
11/6/2008 17:00	13	1.8	4.0	194	3.9	39.0	42
11/6/2008 18:00	6	1.7	3.8	157	1.4	34.5	47
11/6/2008 19:00	0	1.7	3.8	163	2.4	36.3	50
11/6/2008 20:00	4	1.9	4.3	171	2.8	37.0	53
11/6/2008 21:00	8	2.1	4.7	199	2.9	37.2	60
11/6/2008 22:00	1	2.0	4.5	196	2.9	37.2	63
11/6/2008 23:00	3	1.7	3.8	172	2.2	36.0	59
11/7/2008 0:00	1	2.0	4.5	174	2.5	36.5	61
11/7/2008 1:00	-1	1.9	4.3	170	2.5	36.5	60
11/7/2008 2:00	-1	2.5	5.6	169	2.8	37.0	60
11/7/2008 3:00	3	2.7	6.0	160	3.5	38.3	62
11/7/2008 4:00	13	1.6	3.6	173	2.9	37.2	61
11/7/2008 5:00	-2	1.5	3.4	172	3.6	38.5	64
11/7/2008 6:00	4	1.6	3.6	4	2.3	36.1	73
11/7/2008 7:00	6	0.9	2.0	19	0.7	33.3	79
11/7/2008 8:00	5	0.8	1.8	219	1.4	34.5	78
11/7/2008 9:00	6	0.8	1.8	58	2.2	36.0	78
11/7/2008 10:00	7	1.6	3.6	357	3.6	38.5	78
11/7/2008 11:00	-1	1.5	3.4	22	4.9	40.8	78
11/7/2008 12:00	9	0.9	2.0	11	6.9	44.4	74
11/7/2008 13:00	0	1.6	3.6	309	7.6	45.7	75
11/7/2008 14:00	-2	1.7	3.8	281	8.3	46.9	72
11/7/2008 15:00	7	2.4	5.4	17	7.1	44.8	81
11/7/2008 16:00	-3	2.7	6.0	9	5.7	42.3	88
11/7/2008 17:00	11	2.1	4.7	8	4.9	40.8	91
11/7/2008 18:00	13	1.1	2.5	359	4.5	40.1	91
11/7/2008 19:00	6	0.5	1.1	311	4.2	39.6	91
11/7/2008 20:00	1	0.4	0.9	294	3.8	38.8	92
11/7/2008 21:00	0	0.4	0.9	312	3.6	38.5	92
11/7/2008 22:00	2	0.4	0.9	205	3.6	38.5	92
11/7/2008 23:00	8	0.5	1.1	175	3.3	37.9	92
11/8/2008 0:00	18	0.7	1.6	216	3.1	37.6	92
11/8/2008 1:00	4	1.2	2.7	168	3.4	38.1	92
11/8/2008 2:00	6	0.9	2.0	144	4.0	39.2	90
11/8/2008 3:00	4	1.1	2.5	165	3.8	38.8	90
11/8/2008 4:00	4	1.5	3.4	136	4.1	39.4	87
11/8/2008 5:00	1	1.4	3.1	161	4.8	40.6	83
11/8/2008 6:00	5	1.6	3.6	171	4.3	39.7	84
11/8/2008 7:00	3	1.8	4.0	168	4.9	40.8	82
11/8/2008 8:00	-5	2.1	4.7	175	4.8	40.6	81
11/8/2008 9:00	1	2.0	4.5	182	5.1	41.2	81
11/8/2008 10:00	-4	1.7	3.8	176	6.2	43.2	77
11/8/2008 11:00	3	2.6	5.8	164	7.5	45.5	74
11/8/2008 12:00	2	3.2	7.2	152	8.7	47.7	71
11/8/2008 13:00	2	2.5	5.6	166	10.2	50.4	63
11/8/2008 14:00	1	1.9	4.3	183	11.1	52.0	58
11/8/2008 15:00	6	1.9	4.3	171	11.2	52.2	57

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/8/2008 16:00	7	1.5	3.4	175	11.2	52.2	56
11/8/2008 17:00	2	2.1	4.7	181	10.3	50.5	60
11/8/2008 18:00	5	1.5	3.4	194	9.9	49.8	61
11/8/2008 19:00	2	2.2	4.9	173	8.8	47.8	63
11/8/2008 20:00	-1	1.4	3.1	178	8.0	46.4	65
11/8/2008 21:00	7	1.1	2.5	214	7.2	45.0	67
11/8/2008 22:00	7	1.1	2.5	200	6.4	43.5	71
11/8/2008 23:00	-5	1.6	3.6	170	6.3	43.3	72
11/9/2008 0:00	2	1.5	3.4	177	6.3	43.3	73
11/9/2008 1:00	0	1.1	2.5	205	6.4	43.5	72
11/9/2008 2:00	7	1.0	2.2	238	4.7	40.5	81
11/9/2008 3:00	14	0.7	1.6	272	2.2	36.0	88
11/9/2008 4:00	11	0.7	1.6	231	0.1	32.2	90
11/9/2008 5:00	4	0.8	1.8	241	-1.1	30.0	91
11/9/2008 6:00	17	0.8	1.8	221	-2.3	27.9	91
11/9/2008 7:00	19	0.6	1.3	295	-2.1	28.2	91
11/9/2008 8:00	17	0.6	1.3	2	-2.1	28.2	91
11/9/2008 9:00	11	0.5	1.1	151	-2.1	28.2	91
11/9/2008 10:00	4	0.5	1.1	53	-1.1	30.0	92
11/9/2008 11:00	12	0.8	1.8	97	0.4	32.7	92
11/9/2008 12:00	15	0.7	1.6	76	1.0	33.8	91
11/9/2008 13:00	6	1.2	2.7	23	2.6	36.7	87
11/9/2008 14:00	13	2.3	5.1	25	3.3	37.9	85
11/9/2008 15:00	3	1.8	4.0	14	3.5	38.3	85
11/9/2008 16:00	9	1.4	3.1	21	3.5	38.3	85
11/9/2008 17:00	17	1.3	2.9	6	3.1	37.6	87
11/9/2008 18:00	10	0.5	1.1	25	2.9	37.2	89
11/9/2008 19:00	16	0.6	1.3	93	2.8	37.0	90
11/9/2008 20:00	8	0.4	0.9	52	2.8	37.0	92
11/9/2008 21:00	9	0.4	0.9	285	2.9	37.2	92
11/9/2008 22:00	10	0.5	1.1	265	2.9	37.2	92
11/9/2008 23:00	13	1.1	2.5	357	2.9	37.2	92
11/10/2008 0:00	8	1.2	2.7	8	2.9	37.2	92
11/10/2008 1:00	2	1.7	3.8	23	2.7	36.9	92
11/10/2008 2:00	25	1.4	3.1	3	2.6	36.7	92
11/10/2008 3:00	16	1.1	2.5	333	2.7	36.9	92
11/10/2008 4:00	17	0.9	2.0	323	2.7	36.9	92
11/10/2008 5:00	16	0.9	2.0	328	2.7	36.9	92
11/10/2008 6:00	6	1.3	2.9	357	2.7	36.9	92
11/10/2008 7:00	19	1.2	2.7	347	2.6	36.7	92
11/10/2008 8:00	22	1.5	3.4	359	2.8	37.0	91
11/10/2008 9:00	18	1.7	3.8	13	2.8	37.0	90
11/10/2008 10:00	-2	2.2	4.9	29	3.1	37.6	85
11/10/2008 11:00	0	2.9	6.5	35	3.5	38.3	80
11/10/2008 12:00	0	2.7	6.0	35	3.9	39.0	76
11/10/2008 13:00	4	1.9	4.3	35	5.1	41.2	70
11/10/2008 14:00	0	1.8	4.0	42	6.0	42.8	66
11/10/2008 15:00	2	2.3	5.1	323	6.0	42.8	62
11/10/2008 16:00	2	3.5	7.8	292	5.4	41.7	57
11/10/2008 17:00	6	2.2	4.9	285	5.2	41.4	55
11/10/2008 18:00	5	0.9	2.0	275	3.4	38.1	63
11/10/2008 19:00	6	0.6	1.3	198	2.7	36.9	69
11/10/2008 20:00	7	0.8	1.8	186	2.5	36.5	72
11/10/2008 21:00	7	0.7	1.6	222	1.1	34.0	76
11/10/2008 22:00	0	1.5	3.4	258	0.4	32.7	77
11/10/2008 23:00	-3	1.4	3.1	233	1.3	34.3	76
11/11/2008 0:00	10	1.0	2.2	185	1.5	34.7	73
11/11/2008 1:00	-2	0.9	2.0	97	0.3	32.5	75
11/11/2008 2:00	-2	1.0	2.2	192	1.2	34.2	69
11/11/2008 3:00	-1	1.0	2.2	141	1.2	34.2	70
11/11/2008 4:00	-1	1.6	3.6	233	1.6	34.9	68
11/11/2008 5:00	0	0.9	2.0	259	0.2	32.4	76
11/11/2008 6:00	-5	0.9	2.0	187	-0.1	31.8	75
11/11/2008 7:00	11	1.0	2.2	189	-0.1	31.8	72
11/11/2008 8:00	-2	1.0	2.2	147	-1.9	28.6	79
11/11/2008 9:00	-1	1.1	2.5	152	0.8	33.4	69
11/11/2008 10:00	0	1.7	3.8	194	3.1	37.6	61
11/11/2008 11:00	5	2.4	5.4	205	3.5	38.3	61
11/11/2008 12:00	-2	2.5	5.6	217	3.7	38.7	57
11/11/2008 13:00	6	5.0	11.2	231	4.0	39.2	50
11/11/2008 14:00	31	4.6	10.3	236	3.0	37.4	56
11/11/2008 15:00	11	3.2	7.2	222	3.3	37.9	63
11/11/2008 16:00	2	4.5	10.1	230	3.3	37.9	62
11/11/2008 17:00	9	3.9	8.7	223	3.0	37.4	64
11/11/2008 18:00	2	3.2	7.2	214	2.6	36.7	67
11/11/2008 19:00	1	3.4	7.6	223	3.0	37.4	66
11/11/2008 20:00	2	5.2	11.6	240	3.4	38.1	64
11/11/2008 21:00	7	5.7	12.8	242	3.7	38.7	65
11/11/2008 22:00	-2	5.0	11.2	242	3.4	38.1	67
11/11/2008 23:00	-2	3.5	7.8	230	3.7	38.7	66
11/12/2008 0:00	-2	1.9	4.3	200	3.7	38.7	65
11/12/2008 1:00	1	1.8	4.0	194	3.8	38.8	65
11/12/2008 2:00	1	4.5	10.1	233	4.0	39.2	65
11/12/2008 3:00	-2	5.2	11.6	231	4.1	39.4	67
11/12/2008 4:00	-3	4.0	8.9	222	3.9	39.0	70
11/12/2008 5:00	-2	3.4	7.6	221	4.3	39.7	67
11/12/2008 6:00	2	4.4	9.8	229	4.2	39.6	73
11/12/2008 7:00	-5	5.0	11.2	228	4.1	39.4	74
11/12/2008 8:00	-1	4.4	9.8	221	5.4	41.7	69
11/12/2008 9:00	1	3.8	8.5	215	6.9	44.4	65
11/12/2008 10:00	3	3.9	8.7	213	7.7	45.9	63
11/12/2008 11:00	2	3.6	8.1	205	8.4	47.1	63
11/12/2008 12:00	-2	3.2	7.2	206	9.8	49.6	61
11/12/2008 13:00	4	3.0	6.7	203	10.7	51.3	60

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/12/2008 14:00	13	4.9	11.0	227	11.7	53.1	57
11/12/2008 15:00	5	5.0	11.2	228	11.3	52.3	60
11/12/2008 16:00	8	5.9	13.2	234	10.2	50.4	64
11/12/2008 17:00	3	7.1	15.9	241	9.2	48.6	68
11/12/2008 18:00	0	6.3	14.1	241	9.1	48.4	69
11/12/2008 19:00	3	6.4	14.3	238	9.1	48.4	68
11/12/2008 20:00	6	5.4	12.1	234	9.0	48.2	67
11/12/2008 21:00	1	5.4	12.1	229	8.9	48.0	70
11/12/2008 22:00	1	5.2	11.6	227	8.7	47.7	73
11/12/2008 23:00	0	5.2	11.6	227	8.9	48.0	73
11/13/2008 0:00	-4	5.3	11.9	234	8.7	47.7	74
11/13/2008 1:00	5	5.1	11.4	245	8.0	46.4	77
11/13/2008 2:00	9	3.1	6.9	331	6.7	44.1	81
11/13/2008 3:00	1	4.0	8.9	43	3.7	38.7	88
11/13/2008 4:00	13	1.3	2.9	54	3.1	37.6	90
11/13/2008 5:00	11	1.2	2.7	210	3.3	37.9	90
11/13/2008 6:00	-1	4.4	9.8	276	5.3	41.5	72
11/13/2008 7:00	18	3.0	6.7	302	4.5	40.1	72
11/13/2008 8:00	4	2.6	5.8	296	4.8	40.6	65
11/13/2008 9:00	1	3.0	6.7	295	5.4	41.7	57
11/13/2008 10:00	1	4.7	10.5	286	6.6	43.9	50
11/13/2008 11:00	10	7.0	15.7	273	7.0	44.6	46
11/13/2008 12:00	5	6.4	14.3	275	7.0	44.6	46
11/13/2008 13:00	5	5.8	13.0	279	7.3	45.1	42
11/13/2008 14:00	13	5.8	13.0	292	5.9	42.6	51
11/13/2008 15:00	13	5.3	11.9	283	3.6	38.5	59
11/13/2008 16:00	16	5.0	11.2	276	2.6	36.7	63
11/13/2008 17:00	8	5.7	12.8	277	2.9	37.2	50
11/13/2008 18:00	20	4.5	10.1	281	2.2	36.0	53
11/13/2008 19:00	71	4.7	10.5	281	1.1	34.0	63
11/13/2008 20:00	63	3.0	6.7	346	-1.3	29.7	82
11/13/2008 21:00	23	4.1	9.2	327	-0.7	30.7	56
11/13/2008 22:00	1	2.9	6.5	322	-0.8	30.6	48
11/13/2008 23:00	4	2.9	6.5	283	-1.5	29.3	55
11/14/2008 0:00	1	3.1	6.9	283	-1.6	29.1	48
11/14/2008 1:00	0	2.0	4.5	315	-2.1	28.2	47
11/14/2008 2:00	1	1.6	3.6	341	-2.8	27.0	49
11/14/2008 3:00	6	1.6	3.6	275	-3.1	26.4	49
11/14/2008 4:00	-1	0.7	1.6	316	-5.0	23.0	58
11/14/2008 5:00	4	0.7	1.6	279	-5.3	22.5	59
11/14/2008 6:00	11	0.6	1.3	315	-6.4	20.5	65
11/14/2008 7:00	2	1.1	2.5	266	-6.5	20.3	65
11/14/2008 8:00	6	0.7	1.6	153	-8.7	16.3	74
11/14/2008 9:00	11	1.4	3.1	179	-6.1	21.0	63
11/14/2008 10:00	18	1.8	4.0	159	-2.9	26.8	55
11/14/2008 11:00	1	1.6	3.6	219	-0.8	30.6	43
11/14/2008 12:00	0	1.8	4.0	222	0.4	32.7	37
11/14/2008 13:00	5	1.9	4.3	223	1.7	35.1	32
11/14/2008 14:00	3	2.2	4.9	254	2.9	37.2	29
11/14/2008 15:00	0	3.0	6.7	287	3.5	38.3	28
11/14/2008 16:00	4	3.0	6.7	340	2.5	36.5	35
11/14/2008 17:00	9	1.9	4.3	6	0.5	32.9	47
11/14/2008 18:00	1	1.2	2.7	336	-1.7	28.9	58
11/14/2008 19:00	12	0.8	1.8	272	-3.1	26.4	62
11/14/2008 20:00	15	0.9	2.0	185	-5.2	22.6	71
11/14/2008 21:00	10	0.9	2.0	233	-5.1	22.8	70
11/14/2008 22:00	12	0.8	1.8	180	-4.7	23.5	74
11/14/2008 23:00	8	1.0	2.2	253	-4.4	24.1	71
11/15/2008 0:00	5	0.6	1.3	314	-3.7	25.3	71
11/15/2008 1:00	16	1.0	2.2	131	-4.0	24.8	75
11/15/2008 2:00	1	1.4	3.1	186	-2.4	27.7	65
11/15/2008 3:00	6	1.3	2.9	79	-1.6	29.1	64
11/15/2008 4:00	1	1.2	2.7	170	-1.2	29.8	64
11/15/2008 5:00	3	1.3	2.9	163	0.4	32.7	57
11/15/2008 6:00	1	1.7	3.8	168	3.0	37.4	50
11/15/2008 7:00	-2	1.7	3.8	165	3.2	37.8	52
11/15/2008 8:00	12	1.4	3.1	150	3.2	37.8	55
11/15/2008 9:00	10	1.2	2.7	38	0.5	32.9	61
11/15/2008 10:00	-4	1.0	2.2	235	1.2	34.2	57
11/15/2008 11:00	8	3.3	7.4	220	8.2	46.8	46
11/15/2008 12:00	6	3.7	8.3	236	9.2	48.6	47
11/15/2008 13:00	6	3.8	8.5	233	8.9	48.0	48
11/15/2008 14:00	5	4.7	10.5	238	9.7	49.5	47
11/15/2008 15:00	-5	4.2	9.4	246	11.4	52.5	45
11/15/2008 16:00	6	3.9	8.7	257	11.6	52.9	44
11/15/2008 17:00	1	4.0	8.9	250	10.5	50.9	46
11/15/2008 18:00	1	4.5	10.1	246	9.5	49.1	48
11/15/2008 19:00	1	3.6	8.1	239	8.9	48.0	48
11/15/2008 20:00	-1	3.6	8.1	236	8.3	46.9	50
11/15/2008 21:00	-4	4.2	9.4	231	8.3	46.9	49
11/15/2008 22:00	0	1.8	4.0	196	7.0	44.6	53
11/15/2008 23:00	2	2.0	4.5	165	5.2	41.4	60
11/16/2008 0:00	-3	2.1	4.7	167	5.4	41.7	59
11/16/2008 1:00	-3	2.0	4.5	169	5.6	42.1	58
11/16/2008 2:00	2	2.1	4.7	187	6.0	42.8	56
11/16/2008 3:00	7	1.9	4.3	177	4.7	40.5	60
11/16/2008 4:00	4	1.6	3.6	192	4.6	40.3	59
11/16/2008 5:00	2	2.1	4.7	193	5.5	41.9	54
11/16/2008 6:00	-3	2.2	4.9	190	5.0	41.0	54
11/16/2008 7:00	3	1.7	3.8	197	4.5	40.1	53
11/16/2008 8:00	2	1.3	2.9	194	3.7	38.7	57
11/16/2008 9:00	-3	1.2	2.7	171	2.5	36.5	62
11/16/2008 10:00	-5	1.8	4.0	180	5.9	42.6	50
11/16/2008 11:00	-1	2.1	4.7	197	9.2	48.6	39

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/16/2008 12:00	-2	3.5	7.8	226	11.0	51.8	34
11/16/2008 13:00	5	4.2	9.4	234	12.5	54.5	32
11/16/2008 14:00	4	4.8	10.7	240	12.8	55.0	32
11/16/2008 15:00	4	4.0	8.9	244	13.5	56.3	30
11/16/2008 16:00	-2	3.7	8.3	243	13.5	56.3	30
11/16/2008 17:00	8	3.7	8.3	249	12.1	53.8	33
11/16/2008 18:00	0	2.8	6.3	254	10.3	50.5	37
11/16/2008 19:00	7	1.8	4.0	240	9.9	49.8	37
11/16/2008 20:00	-2	2.3	5.1	224	9.7	49.5	37
11/16/2008 21:00	2	1.6	3.6	207	8.7	47.7	39
11/16/2008 22:00	11	1.8	4.0	185	6.9	44.4	44
11/16/2008 23:00	-1	2.2	4.9	159	5.2	41.4	49
11/17/2008 0:00	8	1.8	4.0	164	4.9	40.8	50
11/17/2008 1:00	0	2.4	5.4	159	5.3	41.5	48
11/17/2008 2:00	-1	2.4	5.4	190	6.5	43.7	43
11/17/2008 3:00	4	2.7	6.0	167	5.3	41.5	46
11/17/2008 4:00	-4	2.5	5.6	154	4.6	40.3	47
11/17/2008 5:00	3	2.6	5.8	156	3.5	38.3	51
11/17/2008 6:00	-5	2.8	6.3	166	3.3	37.9	51
11/17/2008 7:00	1	2.8	6.3	174	3.0	37.4	51
11/17/2008 8:00	3	2.2	4.9	180	3.1	37.6	50
11/17/2008 9:00	-5	2.3	5.1	194	3.1	37.6	50
11/17/2008 10:00	6	3.3	7.4	172	6.1	43.0	41
11/17/2008 11:00	11	3.0	6.7	174	8.8	47.8	36
11/17/2008 12:00	19	3.0	6.7	170	12.4	54.3	29
11/17/2008 13:00	12	2.6	5.8	167	15.4	59.7	23
11/17/2008 14:00	2	2.3	5.1	191	16.9	62.4	14
11/17/2008 15:00	19	2.7	6.0	181	16.9	62.4	16
11/17/2008 16:00	6	3.2	7.2	153	14.5	58.1	23
11/17/2008 17:00	14	3.7	8.3	154	13.8	56.8	23
11/17/2008 18:00	10	3.7	8.3	162	11.5	52.7	29
11/17/2008 19:00	17	3.6	8.1	163	10.3	50.5	32
11/17/2008 20:00	6	3.7	8.3	156	9.5	49.1	34
11/17/2008 21:00	4	3.5	7.8	166	10.8	51.4	29
11/17/2008 22:00	5	2.7	6.0	176	10.0	50.0	31
11/17/2008 23:00	4	3.2	7.2	181	10.0	50.0	31
11/18/2008 0:00	2	3.4	7.6	170	9.4	48.9	33
11/18/2008 1:00	8	3.2	7.2	172	9.4	48.9	31
11/18/2008 2:00	-5	2.5	5.6	190	10.6	51.1	26
11/18/2008 3:00	8	2.3	5.1	179	9.5	49.1	30
11/18/2008 4:00	-5	2.0	4.5	223	8.3	46.9	33
11/18/2008 5:00	14	4.7	10.5	238	9.1	48.4	31
11/18/2008 6:00	6	6.2	13.9	237	8.2	46.8	34
11/18/2008 7:00	4	4.9	11.0	232	8.2	46.8	34
11/18/2008 8:00	6	3.6	8.1	221	8.3	46.9	35
11/18/2008 9:00	-1	3.8	8.5	231	8.8	47.8	34
11/18/2008 10:00	-2	4.4	9.8	236	10.3	50.5	32
11/18/2008 11:00	3	4.9	11.0	239	12.8	55.0	28
11/18/2008 12:00	-2	4.7	10.5	240	14.3	57.7	27
11/18/2008 13:00	6	3.7	8.3	232	16.3	61.3	24
11/18/2008 14:00	7	3.0	6.7	224	17.8	64.0	21
11/18/2008 15:00	3	3.5	7.8	231	17.4	63.3	21
11/18/2008 16:00	6	3.0	6.7	230	16.7	62.1	22
11/18/2008 17:00	8	1.9	4.3	225	15.0	59.0	25
11/18/2008 18:00	9	1.0	2.2	203	11.6	52.9	33
11/18/2008 19:00	12	1.1	2.5	176	9.5	49.1	38
11/18/2008 20:00	20	1.1	2.5	186	5.8	42.4	49
11/18/2008 21:00	17	0.9	2.0	202	3.9	39.0	54
11/18/2008 22:00	4	1.0	2.2	260	0.9	33.6	63
11/18/2008 23:00	21	0.8	1.8	228	0.2	32.4	66
11/19/2008 0:00	16	0.8	1.8	227	-1.0	30.2	70
11/19/2008 1:00	12	0.7	1.6	228	-1.8	28.8	73
11/19/2008 2:00	15	0.7	1.6	241	-2.5	27.5	74
11/19/2008 3:00	1	0.9	2.0	239	-0.7	30.7	72
11/19/2008 4:00	11	0.7	1.6	245	-0.4	31.3	72
11/19/2008 5:00	10	0.7	1.6	214	-0.5	31.1	72
11/19/2008 6:00	7	1.0	2.2	223	-0.3	31.5	73
11/19/2008 7:00	15	0.9	2.0	235	-1.1	30.0	75
11/19/2008 8:00	10	0.8	1.8	242	-2.2	28.0	78
11/19/2008 9:00	14	0.7	1.6	256	-1.4	29.5	78
11/19/2008 10:00	16	0.9	2.0	10	-0.3	31.5	78
11/19/2008 11:00	20	2.9	6.5	2	1.6	34.9	74
11/19/2008 12:00	9	3.9	8.7	4	1.9	35.4	70
11/19/2008 13:00	1	4.1	9.2	8	1.7	35.1	67
11/19/2008 14:00	9	4.2	9.4	11	1.7	35.1	64
11/19/2008 15:00	11	3.8	8.5	12	1.3	34.3	64
11/19/2008 16:00	42	3.7	8.3	17	-0.3	31.5	74
11/19/2008 17:00	6	1.9	4.3	16	-1.1	30.0	80
11/19/2008 18:00	-1	0.8	1.8	315	-1.5	29.3	82
11/19/2008 19:00	1	0.8	1.8	329	-1.4	29.5	77
11/19/2008 20:00	0	0.6	1.3	317	-1.7	28.9	76
11/19/2008 21:00	-1	0.5	1.1	297	-2.1	28.2	77
11/19/2008 22:00	6	1.4	3.1	345	-2.0	28.4	76
11/19/2008 23:00	2	1.4	3.1	16	-2.1	28.2	76
11/20/2008 0:00	4	0.6	1.3	7	-2.3	27.9	77
11/20/2008 1:00	6	0.5	1.1	197	-2.3	27.9	77
11/20/2008 2:00	10	0.5	1.1	131	-2.4	27.7	78
11/20/2008 3:00	14	0.4	0.9	239	-3.1	26.4	81
11/20/2008 4:00	9	0.5	1.1	217	-3.3	26.1	82
11/20/2008 5:00	-2	1.7	3.8	136	-1.9	28.6	76
11/20/2008 6:00	0	2.0	4.5	143	-1.6	29.1	72
11/20/2008 7:00	-1	1.9	4.3	137	-2.0	28.4	71
11/20/2008 8:00	-2	1.6	3.6	141	-2.3	27.9	71
11/20/2008 9:00	-3	2.4	5.4	138	-1.7	28.9	67

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/20/2008 10:00	1	3.7	8.3	135	-0.9	30.4	65
11/20/2008 11:00	-2	4.5	10.1	137	0.0	32.0	64
11/20/2008 12:00	16	4.5	10.1	138	2.0	35.6	57
11/20/2008 13:00	16	4.3	9.6	141	3.3	37.9	52
11/20/2008 14:00	6	4.3	9.6	139	4.4	39.9	49
11/20/2008 15:00	5	4.1	9.2	145	5.0	41.0	46
11/20/2008 16:00	13	4.2	9.4	144	4.7	40.5	49
11/20/2008 17:00	11	4.5	10.1	148	3.7	38.7	53
11/20/2008 18:00	15	3.7	8.3	160	3.3	37.9	55
11/20/2008 19:00	10	3.0	6.7	159	3.7	38.7	54
11/20/2008 20:00	9	1.7	3.8	212	3.6	38.5	59
11/20/2008 21:00	6	2.5	5.6	220	5.0	41.0	63
11/20/2008 22:00	26	4.4	9.8	284	1.1	34.0	82
11/20/2008 23:00	10	2.3	5.1	293	0.4	32.7	85
11/21/2008 0:00	2	2.1	4.7	289	0.4	32.7	80
11/21/2008 1:00	1	1.8	4.0	261	0.2	32.4	69
11/21/2008 2:00	-5	1.2	2.7	129	-2.2	28.0	76
11/21/2008 3:00	-5	2.2	4.9	232	-0.5	31.1	71
11/21/2008 4:00	1	0.8	1.8	92	-0.8	30.6	70
11/21/2008 5:00	-1	2.8	6.3	271	0.1	32.2	62
11/21/2008 6:00	0	4.6	10.3	270	0.5	32.9	54
11/21/2008 7:00	-1	4.1	9.2	278	0.2	32.4	56
11/21/2008 8:00	5	3.4	7.6	289	0.0	32.0	56
11/21/2008 9:00	4	2.9	6.5	290	-0.1	31.8	56
11/21/2008 10:00	2	4.2	9.4	282	0.5	32.9	50
11/21/2008 11:00	2	3.7	8.3	280	0.4	32.7	50
11/21/2008 12:00	4	3.5	7.8	279	1.8	35.2	47
11/21/2008 13:00	2	4.3	9.6	288	2.1	35.8	46
11/21/2008 14:00	1	4.0	8.9	287	2.6	36.7	43
11/21/2008 15:00	-1	2.7	6.0	257	2.9	37.2	41
11/21/2008 16:00	-2	3.4	7.6	240	2.4	36.3	42
11/21/2008 17:00	-2	5.4	12.1	238	1.5	34.7	43
11/21/2008 18:00	-2	3.5	7.8	229	0.5	32.9	46
11/21/2008 19:00	7	3.1	6.9	211	0.0	32.0	46
11/21/2008 20:00	1	2.3	5.1	167	-0.8	30.6	47
11/21/2008 21:00	0	2.4	5.4	172	-0.8	30.6	44
11/21/2008 22:00	-1	2.7	6.0	170	-1.8	28.8	47
11/21/2008 23:00	-1	2.3	5.1	176	-2.3	27.9	49
11/22/2008 0:00	2	2.8	6.3	182	-2.0	28.4	48
11/22/2008 1:00	5	3.4	7.6	166	-0.9	30.4	43
11/22/2008 2:00	6	3.6	8.1	173	-0.1	31.8	39
11/22/2008 3:00	6	2.8	6.3	174	-0.5	31.1	40
11/22/2008 4:00	-4	2.3	5.1	191	0.6	33.1	35
11/22/2008 5:00	2	2.4	5.4	188	0.6	33.1	35
11/22/2008 6:00	0	1.8	4.0	205	0.3	32.5	37
11/22/2008 7:00	5	2.1	4.7	186	-0.7	30.7	40
11/22/2008 8:00	4	1.9	4.3	189	-0.8	30.6	41
11/22/2008 9:00	0	2.0	4.5	206	-1.1	30.0	43
11/22/2008 10:00	-5	2.8	6.3	155	0.9	33.6	38
11/22/2008 11:00	1	2.5	5.6	193	3.3	37.9	31
11/22/2008 12:00	-1	3.3	7.4	224	4.6	40.3	30
11/22/2008 13:00	4	5.1	11.4	235	4.7	40.5	35
11/22/2008 14:00	7	3.2	7.2	265	3.8	38.8	52
11/22/2008 15:00	7	3.2	7.2	243	3.3	37.9	55
11/22/2008 16:00	-4	2.0	4.5	243	3.4	38.1	54
11/22/2008 17:00	2	1.9	4.3	267	3.3	37.9	53
11/22/2008 18:00	5	1.2	2.7	289	2.4	36.3	57
11/22/2008 19:00	1	1.8	4.0	269	1.9	35.4	60
11/22/2008 20:00	3	2.7	6.0	300	1.6	34.9	56
11/22/2008 21:00	0	4.4	9.8	296	1.1	34.0	45
11/22/2008 22:00	1	2.7	6.0	301	0.6	33.1	45
11/22/2008 23:00	1	2.5	5.6	294	0.3	32.5	48
11/23/2008 0:00	4	2.5	5.6	303	-0.3	31.5	55
11/23/2008 1:00	-2	1.1	2.5	329	-2.0	28.4	68
11/23/2008 2:00	-5	1.4	3.1	255	-2.5	27.5	64
11/23/2008 3:00	-5	1.3	2.9	295	-2.6	27.3	60
11/23/2008 4:00	0	3.2	7.2	271	-2.0	28.4	55
11/23/2008 5:00	-5	3.1	6.9	272	-2.1	28.2	53
11/23/2008 6:00	1	3.2	7.2	250	-2.9	26.8	55
11/23/2008 7:00	-3	2.8	6.3	252	-3.4	25.9	55
11/23/2008 8:00	-3	2.4	5.4	237	-4.1	24.6	57
11/23/2008 9:00	9	2.7	6.0	233	-4.0	24.8	58
11/23/2008 10:00	0	3.4	7.6	235	-2.3	27.9	52
11/23/2008 11:00	-4	3.4	7.6	231	-0.7	30.7	46
11/23/2008 12:00	-4	3.6	8.1	231	0.6	33.1	42
11/23/2008 13:00	2	3.0	6.7	227	1.7	35.1	38
11/23/2008 14:00	6	2.1	4.7	258	3.0	37.4	35
11/23/2008 15:00	-1	2.6	5.8	9	2.8	37.0	37
11/23/2008 16:00	2	2.2	4.9	22	1.8	35.2	41
11/23/2008 17:00	9	1.0	2.2	282	-0.7	30.7	49
11/23/2008 18:00	17	0.8	1.8	223	-4.7	23.5	62
11/23/2008 19:00	8	0.9	2.0	242	-6.6	20.1	68
11/23/2008 20:00	19	0.8	1.8	220	-7.4	18.7	72
11/23/2008 21:00	26	0.7	1.6	236	-8.5	16.7	75
11/23/2008 22:00	3	1.3	2.9	198	-6.3	20.7	68
11/23/2008 23:00	6	2.0	4.5	190	-5.6	21.9	64
11/24/2008 0:00	-3	2.0	4.5	190	-5.6	21.9	62
11/24/2008 1:00	3	1.9	4.3	192	-5.6	21.9	61
11/24/2008 2:00	1	1.6	3.6	189	-5.8	21.6	60
11/24/2008 3:00	-1	1.9	4.3	198	-5.6	21.9	59
11/24/2008 4:00	1	2.3	5.1	202	-5.3	22.5	57
11/24/2008 5:00	5	2.3	5.1	195	-5.1	22.8	55
11/24/2008 6:00	10	1.7	3.8	136	-6.7	19.9	62
11/24/2008 7:00	-2	0.9	2.0	184	-9.4	15.1	75

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/24/2008 8:00	-1	2.0	4.5	189	-6.2	20.8	56
11/24/2008 9:00	-5	2.5	5.6	187	-5.2	22.6	55
11/24/2008 10:00	9	3.3	7.4	172	-2.6	27.3	47
11/24/2008 11:00	38	3.4	7.6	174	-0.5	31.1	43
11/24/2008 12:00	11	3.7	8.3	167	2.2	36.0	37
11/24/2008 13:00	7	3.7	8.3	160	5.1	41.2	31
11/24/2008 14:00	25	2.9	6.5	176	7.7	45.9	23
11/24/2008 15:00	7	2.8	6.3	211	8.2	46.8	20
11/24/2008 16:00	BA	3.0	6.7	213	7.9	46.2	21
11/24/2008 17:00	BA	BA	BA	BA	6.1	43.0	28
11/24/2008 18:00	10	1.5	3.4	318	0.2	32.4	49
11/24/2008 19:00	8	2.3	5.1	214	2.4	36.3	40
11/24/2008 20:00	3	1.3	2.9	201	-0.3	31.5	50
11/24/2008 21:00	1	1.6	3.6	162	-0.5	31.1	49
11/24/2008 22:00	6	2.0	4.5	201	1.1	34.0	44
11/24/2008 23:00	1	2.1	4.7	201	0.0	32.0	47
11/25/2008 0:00	4	2.2	4.9	190	-0.5	31.1	48
11/25/2008 1:00	8	1.7	3.8	199	-0.9	30.4	49
11/25/2008 2:00	0	2.4	5.4	187	-1.7	28.9	52
11/25/2008 3:00	6	2.1	4.7	202	-2.6	27.3	55
11/25/2008 4:00	-1	1.9	4.3	205	-3.4	25.9	58
11/25/2008 5:00	-2	2.1	4.7	195	-3.3	26.1	56
11/25/2008 6:00	2	2.0	4.5	202	-3.4	25.9	56
11/25/2008 7:00	8	1.2	2.7	178	-4.4	24.1	59
11/25/2008 8:00	3	1.5	3.4	185	-4.5	23.9	59
11/25/2008 9:00	-3	1.5	3.4	173	-3.8	25.2	56
11/25/2008 10:00	-1	1.6	3.6	199	-1.1	30.0	48
11/25/2008 11:00	8	2.9	6.5	172	1.6	34.9	42
11/25/2008 12:00	14	3.4	7.6	155	4.8	40.6	35
11/25/2008 13:00	16	2.9	6.5	131	5.6	42.1	35
11/25/2008 14:00	9	2.1	4.7	23	1.9	35.4	49
11/25/2008 15:00	12	1.3	2.9	31	2.7	36.9	45
11/25/2008 16:00	17	0.9	2.0	36	2.9	37.2	47
11/25/2008 17:00	33	0.9	2.0	13	1.9	35.4	53
11/25/2008 18:00	25	0.9	2.0	273	-0.9	30.4	61
11/25/2008 19:00	24	1.0	2.2	224	-4.1	24.6	70
11/25/2008 20:00	12	1.1	2.5	228	-3.8	25.2	68
11/25/2008 21:00	-1	1.4	3.1	213	-0.2	31.6	55
11/25/2008 22:00	0	1.4	3.1	194	-0.4	31.3	55
11/25/2008 23:00	6	1.2	2.7	209	-0.9	30.4	57
11/26/2008 0:00	6	1.7	3.8	180	-0.7	30.7	55
11/26/2008 1:00	10	1.4	3.1	198	-1.2	29.8	57
11/26/2008 2:00	2	2.2	4.9	187	-0.4	31.3	54
11/26/2008 3:00	-2	1.6	3.6	208	-0.2	31.6	54
11/26/2008 4:00	-2	1.9	4.3	165	0.3	32.5	53
11/26/2008 5:00	-3	1.2	2.7	202	0.4	32.7	52
11/26/2008 6:00	15	3.0	6.7	267	0.1	32.2	53
11/26/2008 7:00	8	1.3	2.9	306	-4.5	23.9	72
11/26/2008 8:00	20	1.0	2.2	172	-4.7	23.5	73
11/26/2008 9:00	14	1.0	2.2	185	-5.1	22.8	75
11/26/2008 10:00	22	0.8	1.8	193	-2.9	26.8	69
11/26/2008 11:00	12	0.9	2.0	84	0.6	33.1	64
11/26/2008 12:00	6	1.3	2.9	33	2.2	36.0	63
11/26/2008 13:00	5	3.8	8.5	14	3.4	38.1	65
11/26/2008 14:00	4	4.6	10.3	25	3.6	38.5	61
11/26/2008 15:00	4	4.5	10.1	36	3.9	39.0	55
11/26/2008 16:00	-3	3.4	7.6	23	3.3	37.9	47
11/26/2008 17:00	10	1.8	4.0	355	1.6	34.9	47
11/26/2008 18:00	10	1.6	3.6	251	-1.5	29.3	55
11/26/2008 19:00	19	0.8	1.8	268	-5.1	22.8	67
11/26/2008 20:00	35	0.9	2.0	205	-6.9	19.6	73
11/26/2008 21:00	21	0.9	2.0	224	-7.4	18.7	75
11/26/2008 22:00	25	0.8	1.8	212	-8.4	16.9	76
11/26/2008 23:00	14	0.8	1.8	204	-8.8	16.2	78
11/27/2008 0:00	23	0.8	1.8	213	-9.6	14.7	80
11/27/2008 1:00	17	0.7	1.6	208	-11.1	12.0	81
11/27/2008 2:00	18	1.1	2.5	221	-10.9	12.4	81
11/27/2008 3:00	6	1.0	2.2	227	-10.5	13.1	81
11/27/2008 4:00	9	1.4	3.1	205	-7.7	18.1	76
11/27/2008 5:00	2	1.4	3.1	207	-7.7	18.1	76
11/27/2008 6:00	4	1.6	3.6	206	-7.3	18.9	73
11/27/2008 7:00	8	1.4	3.1	216	-7.9	17.8	74
11/27/2008 8:00	7	1.2	2.7	220	-9.5	14.9	77
11/27/2008 9:00	1	1.4	3.1	218	-8.2	17.2	72
11/27/2008 10:00	3	1.7	3.8	195	-4.9	23.2	64
11/27/2008 11:00	7	2.2	4.9	174	-2.0	28.4	59
11/27/2008 12:00	0	2.4	5.4	163	0.6	33.1	53
11/27/2008 13:00	7	2.7	6.0	157	2.9	37.2	45
11/27/2008 14:00	2	2.8	6.3	153	4.7	40.5	42
11/27/2008 15:00	7	2.3	5.1	151	5.7	42.3	38
11/27/2008 16:00	12	2.8	6.3	22	2.9	37.2	49
11/27/2008 17:00	14	1.5	3.4	329	-0.7	30.7	60
11/27/2008 18:00	24	1.1	2.5	209	-4.2	24.4	69
11/27/2008 19:00	17	0.9	2.0	212	-6.2	20.8	74
11/27/2008 20:00	13	1.1	2.5	228	-5.7	21.7	76
11/27/2008 21:00	8	0.8	1.8	318	-5.5	22.1	76
11/27/2008 22:00	11	1.3	2.9	165	-3.6	25.5	73
11/27/2008 23:00	7	1.2	2.7	173	-2.8	27.0	73
11/28/2008 0:00	4	1.9	4.3	169	-2.1	28.2	73
11/28/2008 1:00	9	1.3	2.9	181	-2.6	27.3	74
11/28/2008 2:00	8	1.5	3.4	171	-2.6	27.3	75
11/28/2008 3:00	-5	1.4	3.1	198	-1.4	29.5	74
11/28/2008 4:00	12	1.1	2.5	15	-1.6	29.1	71
11/28/2008 5:00	8	1.1	2.5	223	-2.9	26.8	75

Date & Time Mountain Standard Time (data for hour ending)	TSP Hourly (µg/m3)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/28/2008 6:00	-5	1.4	3.1	300	-2.0	28.4	72
11/28/2008 7:00	13	1.9	4.3	323	0.5	32.9	62
11/28/2008 8:00	11	1.4	3.1	19	-1.3	29.7	69
11/28/2008 9:00	-2	1.9	4.3	18	-1.6	29.1	70
11/28/2008 10:00	-2	3.1	6.9	28	-0.5	31.1	67
11/28/2008 11:00	3	2.5	5.6	10	0.3	32.5	69
11/28/2008 12:00	4	3.2	7.2	13	1.4	34.5	66
11/28/2008 13:00	0	2.7	6.0	23	2.1	35.8	62
11/28/2008 14:00	5	2.6	5.8	319	3.4	38.1	53
11/28/2008 15:00	4	3.6	8.1	283	3.7	38.7	49
11/28/2008 16:00	8	3.8	8.5	283	3.4	38.1	51
11/28/2008 17:00	0	4.8	10.7	284	3.3	37.9	52
11/28/2008 18:00	9	4.1	9.2	301	2.9	37.2	54
11/28/2008 19:00	4	2.9	6.5	306	2.4	36.3	56
11/28/2008 20:00	2	3.7	8.3	296	2.4	36.3	57
11/28/2008 21:00	4	3.3	7.4	296	1.9	35.4	62
11/28/2008 22:00	-2	3.2	7.2	299	1.6	34.9	66
11/28/2008 23:00	7	3.3	7.4	305	2.0	35.6	62
11/29/2008 0:00	-5	3.4	7.6	291	2.2	36.0	63
11/29/2008 1:00	-5	3.3	7.4	295	2.5	36.5	61
11/29/2008 2:00	0	3.1	6.9	323	2.0	35.6	66
11/29/2008 3:00	-3	3.4	7.6	302	2.6	36.7	65
11/29/2008 4:00	-3	3.0	6.7	304	2.3	36.1	68
11/29/2008 5:00	-5	2.8	6.3	339	1.2	34.2	72
11/29/2008 6:00	1	3.2	7.2	287	3.0	37.4	66
11/29/2008 7:00	2	2.7	6.0	289	2.6	36.7	71
11/29/2008 8:00	-3	2.6	5.8	340	1.5	34.7	74
11/29/2008 9:00	3	2.6	5.8	348	0.4	32.7	81
11/29/2008 10:00	-5	1.6	3.6	6	0.7	33.3	82
11/29/2008 11:00	-5	2.2	4.9	21	2.2	36.0	75
11/29/2008 12:00	-3	1.8	4.0	313	3.3	37.9	73
11/29/2008 13:00	-4	1.9	4.3	301	3.9	39.0	74
11/29/2008 14:00	0	2.6	5.8	301	4.2	39.6	72
11/29/2008 15:00	-4	2.4	5.4	1	3.0	37.4	77
11/29/2008 16:00	2	2.1	4.7	355	2.6	36.7	79
11/29/2008 17:00	-4	2.5	5.6	300	3.3	37.9	75
11/29/2008 18:00	11	3.8	8.5	3	1.4	34.5	84
11/29/2008 19:00	6	2.1	4.7	334	1.5	34.7	84
11/29/2008 20:00	6	2.1	4.7	331	1.5	34.7	85
11/29/2008 21:00	0	3.0	6.7	7	2.0	35.6	83
11/29/2008 22:00	2	1.9	4.3	345	1.7	35.1	86
11/29/2008 23:00	-1	1.2	2.7	348	1.6	34.9	87
11/30/2008 0:00	26	0.8	1.8	124	1.0	33.8	90
11/30/2008 1:00	3	1.1	2.5	319	0.5	32.9	91
11/30/2008 2:00	10	1.5	3.4	325	1.4	34.5	89
11/30/2008 3:00	7	1.4	3.1	340	1.5	34.7	89
11/30/2008 4:00	13	0.8	1.8	289	1.2	34.2	90
11/30/2008 5:00	1	1.2	2.7	351	1.4	34.5	89
11/30/2008 6:00	7	1.3	2.9	333	1.8	35.2	87
11/30/2008 7:00	2	1.2	2.7	15	1.6	34.9	88
11/30/2008 8:00	2	0.9	2.0	258	1.4	34.5	90
11/30/2008 9:00	-4	1.6	3.6	285	2.6	36.7	86
11/30/2008 10:00	-2	0.9	2.0	31	3.1	37.6	83
11/30/2008 11:00	5	2.8	6.3	348	4.6	40.3	81
11/30/2008 12:00	2	3.5	7.8	350	4.7	40.5	82
11/30/2008 13:00	4	2.3	5.1	356	4.5	40.1	84
11/30/2008 14:00	0	2.4	5.4	3	5.1	41.2	82
11/30/2008 15:00	3	2.4	5.4	5	5.4	41.7	81
11/30/2008 16:00	-3	2.5	5.6	1	5.1	41.2	82
11/30/2008 17:00	1	1.5	3.4	335	4.6	40.3	84
11/30/2008 18:00	4	1.1	2.5	283	3.0	37.4	87
11/30/2008 19:00	13	0.9	2.0	234	1.2	34.2	88
11/30/2008 20:00	4	1.1	2.5	176	-1.4	29.5	90
11/30/2008 21:00	14	1.0	2.2	199	-1.6	29.1	91
11/30/2008 22:00	-3	1.0	2.2	229	-2.2	28.0	91
11/30/2008 23:00	24	1.4	3.1	182	-1.3	29.7	90
12/1/2008 0:00	7	0.4	0.9	184	-0.2	31.6	87

BA = Routine maintenance / repairs

Table 6
Warm Springs Site Hourly Average Data
Met One E-BAM
November 2008

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly ($\mu\text{g}/\text{m}^3$)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/1/2008 1:00	10	2.1	4.7	185	9.1	48.4	61
11/1/2008 2:00	8	2.4	5.4	204	8.7	47.7	60
11/1/2008 3:00	3	2.2	4.9	192	7.0	44.6	64
11/1/2008 4:00	8	1.8	4.0	150	6.0	42.8	67
11/1/2008 5:00	11	0.8	1.8	14	3.5	38.3	75
11/1/2008 6:00	3	1.8	4.0	214	3.7	38.7	74
11/1/2008 7:00	9	1.9	4.3	209	3.7	38.7	73
11/1/2008 8:00	0	1.5	3.4	205	3.2	37.8	73
11/1/2008 9:00	4	1.8	4.0	160	6.8	44.2	61
11/1/2008 10:00	13	1.9	4.3	149	12.0	53.6	48
11/1/2008 11:00	9	2.8	6.3	179	13.4	56.1	45
11/1/2008 12:00	4	3.4	7.6	155	14.3	57.7	44
11/1/2008 13:00	10	4.0	8.9	155	15.4	59.7	42
11/1/2008 14:00	4	3.5	7.8	146	15.6	60.1	44
11/1/2008 15:00	3	2.1	4.7	177	16.2	61.2	43
11/1/2008 16:00	-2	3.2	7.2	206	15.5	59.9	42
11/1/2008 17:00	7	2.4	5.4	199	14.2	57.6	46
11/1/2008 18:00	7	1.0	2.2	149	11.6	52.9	54
11/1/2008 19:00	-2	0.8	1.8	256	9.0	48.2	62
11/1/2008 20:00	4	1.9	4.3	188	11.8	53.2	58
11/1/2008 21:00	3	1.1	2.5	160	10.3	50.5	63
11/1/2008 22:00	10	0.6	1.3	250	7.2	45.0	73
11/1/2008 23:00	8	0.7	1.6	154	5.8	42.4	77
11/2/2008 0:00	3	1.0	2.2	279	3.9	39.0	79
11/2/2008 1:00	6	1.4	3.1	264	7.3	45.1	73
11/2/2008 2:00	5	1.7	3.8	172	9.0	48.2	76
11/2/2008 3:00	0	1.0	2.2	159	8.2	46.8	84
11/2/2008 4:00	19	0.8	1.8	121	7.7	45.9	87
11/2/2008 5:00	-4	1.0	2.2	230	7.0	44.6	88
11/2/2008 6:00	10	0.5	1.1	24	6.3	43.3	89
11/2/2008 7:00	-5	0.7	1.6	299	4.7	40.5	91
11/2/2008 8:00	18	0.8	1.8	130	5.3	41.5	90
11/2/2008 9:00	15	1.0	2.2	196	7.0	44.6	86
11/2/2008 10:00	2	1.2	2.7	186	7.8	46.0	84
11/2/2008 11:00	4	0.9	2.0	131	8.1	46.6	85
11/2/2008 12:00	15	0.8	1.8	164	9.0	48.2	83
11/2/2008 13:00	12	0.7	1.6	137	8.7	47.7	88
11/2/2008 14:00	-5	2.8	6.3	232	8.2	46.8	85
11/2/2008 15:00	3	3.8	8.5	240	6.6	43.9	82
11/2/2008 16:00	15	3.4	7.6	221	6.3	43.3	82
11/2/2008 17:00	-4	1.9	4.3	254	6.4	43.5	83
11/2/2008 18:00	11	1.3	2.9	280	5.6	42.1	89
11/2/2008 19:00	10	0.5	1.1	137	4.9	40.8	90
11/2/2008 20:00	3	1.7	3.8	246	5.1	41.2	88
11/2/2008 21:00	-5	3.8	8.5	260	6.0	42.8	77
11/2/2008 22:00	11	1.3	2.9	71	5.1	41.2	83
11/2/2008 23:00	5	0.8	1.8	241	4.4	39.9	81
11/3/2008 0:00	4	0.8	1.8	119	3.2	37.8	83
11/3/2008 1:00	-5	1.9	4.3	214	3.3	37.9	77
11/3/2008 2:00	5	2.0	4.5	214	4.0	39.2	73
11/3/2008 3:00	-4	2.5	5.6	230	4.0	39.2	70
11/3/2008 4:00	-5	2.0	4.5	205	2.5	36.5	77
11/3/2008 5:00	1	2.1	4.7	213	2.6	36.7	76
11/3/2008 6:00	-3	2.0	4.5	171	2.4	36.3	75
11/3/2008 7:00	-1	2.2	4.9	163	1.9	35.4	76
11/3/2008 8:00	-4	1.9	4.3	176	2.2	36.0	75
11/3/2008 9:00	-2	2.4	5.4	209	3.7	38.7	70
11/3/2008 10:00	-5	2.3	5.1	224	4.6	40.3	68
11/3/2008 11:00	1	1.4	3.1	255	4.7	40.5	70
11/3/2008 12:00	0	2.8	6.3	200	7.0	44.6	57
11/3/2008 13:00	-4	3.6	8.1	196	7.8	46.0	54
11/3/2008 14:00	-5	4.0	8.9	202	7.8	46.0	54
11/3/2008 15:00	1	3.5	7.8	206	8.4	47.1	50
11/3/2008 16:00	BA	3.3	7.4	210	8.8	47.8	46
11/3/2008 17:00	1	3.0	6.7	204	8.1	46.6	50
11/3/2008 18:00	-4	1.8	4.0	212	5.8	42.4	57
11/3/2008 19:00	1	1.0	2.2	174	3.9	39.0	67
11/3/2008 20:00	-4	0.8	1.8	227	2.9	37.2	71
11/3/2008 21:00	4	1.0	2.2	253	0.5	32.9	79
11/3/2008 22:00	6	0.6	1.3	100	-1.5	29.3	86
11/3/2008 23:00	0	0.6	1.3	291	-3.2	26.2	87
11/4/2008 0:00	-2	0.5	1.1	189	-3.6	25.5	89
11/4/2008 1:00	19	0.9	2.0	142	-1.9	28.6	89
11/4/2008 2:00	6	0.8	1.8	311	-1.6	29.1	87
11/4/2008 3:00	6	0.7	1.6	152	-1.3	29.7	87
11/4/2008 4:00	22	1.0	2.2	297	-0.4	31.3	86
11/4/2008 5:00	6	0.6	1.3	135	-0.7	30.7	88
11/4/2008 6:00	7	0.9	2.0	218	-1.1	30.0	89
11/4/2008 7:00	9	1.0	2.2	286	-0.7	30.7	87
11/4/2008 8:00	-4	1.2	2.7	223	1.7	35.1	80
11/4/2008 9:00	0	0.6	1.3	347	1.9	35.4	83
11/4/2008 10:00	-1	0.9	2.0	292	3.0	37.4	82
11/4/2008 11:00	3	1.1	2.5	213	4.5	40.1	76
11/4/2008 12:00	13	1.8	4.0	267	4.6	40.3	77
11/4/2008 13:00	-5	2.7	6.0	268	2.9	37.2	81
11/4/2008 14:00	-2	2.1	4.7	121	3.0	37.4	81
11/4/2008 15:00	5	1.4	3.1	145	4.0	39.2	76
11/4/2008 16:00	1	1.6	3.6	311	2.6	36.7	82
11/4/2008 17:00	-4	2.0	4.5	135	1.6	34.9	82

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/4/2008 18:00	-4	2.7	6.0	227	1.2	34.2	83
11/4/2008 19:00	3	3.5	7.8	253	0.8	33.4	76
11/4/2008 20:00	1	3.8	8.5	261	0.9	33.6	70
11/4/2008 21:00	-1	1.3	2.9	360	0.4	32.7	80
11/4/2008 22:00	7	1.4	3.1	290	0.0	32.0	76
11/4/2008 23:00	-3	0.4	0.9	356	-0.7	30.7	78
11/5/2008 0:00	0	0.7	1.6	272	-1.4	29.5	77
11/5/2008 1:00	-1	1.3	2.9	262	-2.0	28.4	75
11/5/2008 2:00	4	3.4	7.6	238	-1.8	28.8	68
11/5/2008 3:00	-4	2.9	6.5	241	-1.5	29.3	65
11/5/2008 4:00	1	2.7	6.0	247	-1.5	29.3	64
11/5/2008 5:00	-1	3.2	7.2	249	-1.4	29.5	63
11/5/2008 6:00	1	3.6	8.1	249	-1.5	29.3	60
11/5/2008 7:00	0	3.5	7.8	249	-1.8	28.8	59
11/5/2008 8:00	-5	3.4	7.6	245	-2.4	27.7	63
11/5/2008 9:00	-1	3.5	7.8	245	-1.7	28.9	61
11/5/2008 10:00	-1	3.6	8.1	260	-0.8	30.6	55
11/5/2008 11:00	-2	3.1	6.9	289	0.0	32.0	49
11/5/2008 12:00	-1	3.9	8.7	262	0.5	32.9	51
11/5/2008 13:00	-5	3.6	8.1	280	1.4	34.5	45
11/5/2008 14:00	BA	3.6	8.1	278	1.6	34.9	43
11/5/2008 15:00	5	3.2	7.2	286	1.2	34.2	42
11/5/2008 16:00	-5	3.2	7.2	308	1.8	35.2	40
11/5/2008 17:00	2	2.3	5.1	282	0.4	32.7	44
11/5/2008 18:00	-5	2.2	4.9	271	-1.6	29.1	51
11/5/2008 19:00	-3	2.0	4.5	254	-3.2	26.2	55
11/5/2008 20:00	-3	1.9	4.3	242	-4.6	23.7	58
11/5/2008 21:00	9	1.5	3.4	249	-6.1	21.0	64
11/5/2008 22:00	1	1.0	2.2	233	-8.2	17.2	71
11/5/2008 23:00	0	1.0	2.2	191	-8.3	17.1	75
11/6/2008 0:00	3	0.8	1.8	231	-9.6	14.7	77
11/6/2008 1:00	6	0.6	1.3	76	-9.8	14.4	77
11/6/2008 2:00	-5	1.0	2.2	154	-10.3	13.5	78
11/6/2008 3:00	-5	1.2	2.7	175	-10.6	12.9	78
11/6/2008 4:00	6	1.2	2.7	160	-10.8	12.6	78
11/6/2008 5:00	-3	1.5	3.4	212	-11.0	12.2	77
11/6/2008 6:00	4	1.8	4.0	197	-10.8	12.6	75
11/6/2008 7:00	3	1.4	3.1	183	-11.3	11.7	76
11/6/2008 8:00	0	1.5	3.4	198	-11.1	12.0	76
11/6/2008 9:00	4	1.2	2.7	187	-7.5	18.5	65
11/6/2008 10:00	-1	1.0	2.2	146	-4.0	24.8	61
11/6/2008 11:00	10	1.2	2.7	146	-0.9	30.4	51
11/6/2008 12:00	6	2.3	5.1	170	1.7	35.1	40
11/6/2008 13:00	-2	3.1	6.9	188	3.2	37.8	38
11/6/2008 14:00	3	3.4	7.6	185	4.6	40.3	37
11/6/2008 15:00	3	2.7	6.0	164	5.4	41.7	37
11/6/2008 16:00	1	2.4	5.4	171	6.0	42.8	38
11/6/2008 17:00	0	2.2	4.9	238	3.3	37.9	47
11/6/2008 18:00	-5	0.7	1.6	305	-1.1	30.0	59
11/6/2008 19:00	9	0.6	1.3	285	-1.2	29.8	65
11/6/2008 20:00	-1	1.8	4.0	198	2.0	35.6	56
11/6/2008 21:00	7	1.4	3.1	276	1.5	34.7	60
11/6/2008 22:00	-3	1.5	3.4	289	0.4	32.7	63
11/6/2008 23:00	0	2.2	4.9	174	2.3	36.1	63
11/7/2008 0:00	-5	3.1	6.9	170	4.0	39.2	63
11/7/2008 1:00	4	3.2	7.2	169	3.7	38.7	63
11/7/2008 2:00	2	3.3	7.4	176	4.7	40.5	63
11/7/2008 3:00	9	4.1	9.2	193	5.2	41.4	65
11/7/2008 4:00	1	4.2	9.4	201	4.9	40.8	64
11/7/2008 5:00	5	2.7	6.0	285	3.2	37.8	69
11/7/2008 6:00	4	0.9	2.0	296	-0.4	31.3	78
11/7/2008 7:00	9	0.6	1.3	130	-0.5	31.1	81
11/7/2008 8:00	-1	0.6	1.3	234	0.4	32.7	80
11/7/2008 9:00	-2	0.8	1.8	141	1.6	34.9	81
11/7/2008 10:00	3	1.0	2.2	306	3.4	38.1	80
11/7/2008 11:00	6	0.7	1.6	43	5.1	41.2	74
11/7/2008 12:00	8	0.6	1.3	120	6.2	43.2	75
11/7/2008 13:00	8	0.8	1.8	340	6.7	44.1	78
11/7/2008 14:00	-1	0.9	2.0	358	7.2	45.0	79
11/7/2008 15:00	-2	1.2	2.7	5	6.8	44.2	83
11/7/2008 16:00	1	1.3	2.9	1	6.0	42.8	87
11/7/2008 17:00	4	1.2	2.7	356	5.3	41.5	89
11/7/2008 18:00	13	0.5	1.1	21	4.7	40.5	90
11/7/2008 19:00	11	0.6	1.3	325	4.1	39.4	90
11/7/2008 20:00	8	0.6	1.3	291	3.5	38.3	91
11/7/2008 21:00	-2	0.4	0.9	79	3.4	38.1	91
11/7/2008 22:00	8	0.4	0.9	204	3.5	38.3	91
11/7/2008 23:00	0	0.5	1.1	139	3.4	38.1	91
11/8/2008 0:00	17	0.9	2.0	237	3.4	38.1	92
11/8/2008 1:00	7	0.8	1.8	282	3.4	38.1	92
11/8/2008 2:00	12	0.8	1.8	1	3.3	37.9	92
11/8/2008 3:00	24	1.3	2.9	215	3.2	37.8	92
11/8/2008 4:00	45	0.7	1.6	311	2.6	36.7	91
11/8/2008 5:00	26	0.7	1.6	22	2.2	36.0	92
11/8/2008 6:00	8	1.5	3.4	198	3.4	38.1	91
11/8/2008 7:00	1	1.5	3.4	169	4.6	40.3	85
11/8/2008 8:00	-3	2.0	4.5	184	5.2	41.4	82
11/8/2008 9:00	5	2.1	4.7	177	5.9	42.6	80
11/8/2008 10:00	-2	2.0	4.5	181	6.5	43.7	79
11/8/2008 11:00	2	2.5	5.6	172	8.6	47.5	73
11/8/2008 12:00	5	3.2	7.2	159	10.1	50.2	66
11/8/2008 13:00	2	3.1	6.9	168	11.6	52.9	60
11/8/2008 14:00	5	2.8	6.3	170	12.5	54.5	54
11/8/2008 15:00	-4	2.6	5.8	171	12.3	54.1	54

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/8/2008 16:00	-3	2.4	5.4	165	11.9	53.4	55
11/8/2008 17:00	1	2.5	5.6	161	11.0	51.8	57
11/8/2008 18:00	1	2.6	5.8	176	10.1	50.2	61
11/8/2008 19:00	2	1.8	4.0	172	9.6	49.3	61
11/8/2008 20:00	1	2.2	4.9	169	9.4	48.9	60
11/8/2008 21:00	-2	1.9	4.3	191	7.9	46.2	66
11/8/2008 22:00	-5	1.8	4.0	192	7.6	45.7	69
11/8/2008 23:00	6	1.5	3.4	203	6.8	44.2	76
11/9/2008 0:00	3	1.0	2.2	208	6.1	43.0	79
11/9/2008 1:00	5	0.8	1.8	47	5.8	42.4	79
11/9/2008 2:00	13	0.8	1.8	353	3.6	38.5	88
11/9/2008 3:00	86	0.5	1.1	234	1.5	34.7	91
11/9/2008 4:00	56	0.6	1.3	240	0.0	32.0	91
11/9/2008 5:00	-2	0.7	1.6	141	-1.3	29.7	91
11/9/2008 6:00	54	0.7	1.6	12	-2.3	27.9	91
11/9/2008 7:00	36	0.4	0.9	279	-3.3	26.1	91
11/9/2008 8:00	17	0.5	1.1	226	-3.0	26.6	90
11/9/2008 9:00	25	0.7	1.6	173	-1.7	28.9	91
11/9/2008 10:00	19	0.6	1.3	163	-0.3	31.5	91
11/9/2008 11:00	12	1.2	2.7	114	1.0	33.8	91
11/9/2008 12:00	6	0.9	2.0	120	1.6	34.9	91
11/9/2008 13:00	1	0.9	2.0	37	2.2	36.0	90
11/9/2008 14:00	1	1.1	2.5	39	3.3	37.9	88
11/9/2008 15:00	7	1.0	2.2	27	3.7	38.7	85
11/9/2008 16:00	7	0.8	1.8	359	3.7	38.7	84
11/9/2008 17:00	4	0.7	1.6	42	3.4	38.1	86
11/9/2008 18:00	8	0.4	0.9	116	3.1	37.6	88
11/9/2008 19:00	9	0.4	0.9	235	3.1	37.6	88
11/9/2008 20:00	11	0.4	0.9	272	3.1	37.6	90
11/9/2008 21:00	20	0.5	1.1	284	2.9	37.2	91
11/9/2008 22:00	16	0.7	1.6	315	2.9	37.2	91
11/9/2008 23:00	17	0.7	1.6	9	3.2	37.8	92
11/10/2008 0:00	16	0.9	2.0	0	3.2	37.8	92
11/10/2008 1:00	18	0.8	1.8	23	2.9	37.2	92
11/10/2008 2:00	21	0.8	1.8	354	2.9	37.2	92
11/10/2008 3:00	16	1.0	2.2	331	3.0	37.4	92
11/10/2008 4:00	5	1.1	2.5	336	3.0	37.4	92
11/10/2008 5:00	1	0.8	1.8	4	3.1	37.6	91
11/10/2008 6:00	11	0.7	1.6	7	3.0	37.4	91
11/10/2008 7:00	1	0.9	2.0	340	2.9	37.2	91
11/10/2008 8:00	2	1.2	2.7	339	2.9	37.2	91
11/10/2008 9:00	21	0.8	1.8	359	3.0	37.4	90
11/10/2008 10:00	0	1.2	2.7	43	3.4	38.1	85
11/10/2008 11:00	-1	1.4	3.1	47	4.1	39.4	79
11/10/2008 12:00	-3	1.2	2.7	40	4.8	40.6	74
11/10/2008 13:00	-3	0.8	1.8	34	6.0	42.8	66
11/10/2008 14:00	0	0.8	1.8	79	6.5	43.7	62
11/10/2008 15:00	8	1.0	2.2	84	7.3	45.1	58
11/10/2008 16:00	-4	3.2	7.2	290	6.4	43.5	54
11/10/2008 17:00	1	2.2	4.9	284	5.9	42.6	55
11/10/2008 18:00	-4	1.8	4.0	273	4.3	39.7	59
11/10/2008 19:00	1	1.4	3.1	251	4.5	40.1	60
11/10/2008 20:00	-2	1.5	3.4	232	4.0	39.2	63
11/10/2008 21:00	0	1.9	4.3	238	3.2	37.8	66
11/10/2008 22:00	-3	1.9	4.3	221	1.6	34.9	70
11/10/2008 23:00	-4	1.4	3.1	192	-0.1	31.8	78
11/11/2008 0:00	14	1.5	3.4	171	1.1	34.0	77
11/11/2008 1:00	-5	1.7	3.8	176	1.3	34.3	73
11/11/2008 2:00	1	1.4	3.1	183	1.1	34.0	73
11/11/2008 3:00	-4	1.1	2.5	224	1.4	34.5	71
11/11/2008 4:00	3	1.1	2.5	251	0.6	33.1	75
11/11/2008 5:00	-5	1.6	3.6	240	0.8	33.4	72
11/11/2008 6:00	1	1.0	2.2	195	1.0	33.8	69
11/11/2008 7:00	3	1.3	2.9	167	0.4	32.7	71
11/11/2008 8:00	-4	1.3	2.9	153	-1.0	30.2	78
11/11/2008 9:00	-4	2.0	4.5	171	1.6	34.9	67
11/11/2008 10:00	1	2.4	5.4	168	3.8	38.8	59
11/11/2008 11:00	3	3.4	7.6	193	4.1	39.4	60
11/11/2008 12:00	-5	3.6	8.1	196	4.2	39.6	59
11/11/2008 13:00	-2	4.0	8.9	210	4.6	40.3	54
11/11/2008 14:00	-1	3.2	7.2	209	4.0	39.2	50
11/11/2008 15:00	-5	3.6	8.1	209	3.7	38.7	64
11/11/2008 16:00	7	4.8	10.7	203	3.7	38.7	63
11/11/2008 17:00	7	4.0	8.9	191	3.3	37.9	65
11/11/2008 18:00	1	3.6	8.1	190	2.9	37.2	66
11/11/2008 19:00	-3	2.9	6.5	188	3.1	37.6	67
11/11/2008 20:00	7	2.9	6.5	208	3.7	38.7	64
11/11/2008 21:00	0	4.1	9.2	223	4.1	39.4	63
11/11/2008 22:00	5	2.7	6.0	219	3.9	39.0	64
11/11/2008 23:00	0	2.1	4.7	189	3.7	38.7	66
11/12/2008 0:00	-1	2.9	6.5	178	4.0	39.2	65
11/12/2008 1:00	-1	3.3	7.4	193	4.3	39.7	65
11/12/2008 2:00	-5	4.0	8.9	191	4.3	39.7	65
11/12/2008 3:00	0	3.5	7.8	182	4.3	39.7	66
11/12/2008 4:00	-1	4.1	9.2	191	4.0	39.2	69
11/12/2008 5:00	-5	4.7	10.5	194	4.5	40.1	67
11/12/2008 6:00	-4	5.2	11.6	198	3.9	39.0	77
11/12/2008 7:00	7	5.3	11.9	200	4.4	39.9	76
11/12/2008 8:00	-5	4.6	10.3	182	6.2	43.2	69
11/12/2008 9:00	7	3.8	8.5	176	8.2	46.8	63
11/12/2008 10:00	3	4.0	8.9	168	8.7	47.7	62
11/12/2008 11:00	-1	4.3	9.6	159	9.5	49.1	61
11/12/2008 12:00	0	4.0	8.9	160	10.5	50.9	60
11/12/2008 13:00	-1	3.9	8.7	171	10.8	51.4	61

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/12/2008 14:00	17	4.5	10.1	227	14.2	57.6	50
11/12/2008 15:00	3	6.1	13.6	254	15.0	59.0	46
11/12/2008 16:00	4	5.1	11.4	260	13.7	56.7	50
11/12/2008 17:00	-4	4.8	10.7	259	12.4	54.3	52
11/12/2008 18:00	1	3.1	6.9	221	10.9	51.6	59
11/12/2008 19:00	2	4.7	10.5	222	10.0	50.0	65
11/12/2008 20:00	-5	5.8	13.0	209	9.5	49.1	67
11/12/2008 21:00	0	6.3	14.1	209	9.5	49.1	69
11/12/2008 22:00	-5	6.1	13.6	210	9.4	48.9	70
11/12/2008 23:00	3	6.1	13.6	207	9.6	49.3	71
11/13/2008 0:00	2	3.4	7.6	219	8.7	47.7	79
11/13/2008 1:00	12	1.2	2.7	223	7.8	46.0	83
11/13/2008 2:00	-5	2.9	6.5	27	5.6	42.1	86
11/13/2008 3:00	2	1.7	3.8	56	3.6	38.5	89
11/13/2008 4:00	AV	AV	AV	AV	AV	AV	AV
11/13/2008 5:00	AV	AV	AV	AV	AV	AV	AV
11/13/2008 6:00	AV	AV	AV	AV	AV	AV	AV
11/13/2008 7:00	AV	AV	AV	AV	AV	AV	AV
11/13/2008 8:00	AV	AV	AV	AV	AV	AV	AV
11/13/2008 9:00	AV	AV	AV	AV	AV	AV	AV
11/13/2008 10:00	AV	AV	AV	AV	AV	AV	AV
11/13/2008 11:00	AV	AV	AV	AV	AV	AV	AV
11/13/2008 12:00	AV	AV	AV	AV	AV	AV	AV
11/13/2008 13:00	AV	AV	AV	AV	AV	AV	AV
11/13/2008 14:00	AV	AV	AV	AV	AV	AV	AV
11/13/2008 15:00	AV	AV	AV	AV	AV	AV	AV
11/13/2008 16:00	AV	AV	AV	AV	AV	AV	AV
11/13/2008 17:00	2	6.6	14.8	298	3.6	38.5	47
11/13/2008 18:00	0	5.3	11.9	305	2.4	36.3	50
11/13/2008 19:00	47	5.2	11.6	313	1.8	35.2	55
11/13/2008 20:00	12	3.7	8.3	342	-1.5	29.3	76
11/13/2008 21:00	4	5.9	13.2	319	-0.5	31.1	45
11/13/2008 22:00	-5	4.3	9.6	309	-0.9	30.4	44
11/13/2008 23:00	-1	3.5	7.8	298	-2.2	28.0	52
11/14/2008 0:00	11	2.0	4.5	317	-2.8	27.0	54
11/14/2008 1:00	11	0.8	1.8	2	-4.7	23.5	68
11/14/2008 2:00	-5	1.6	3.6	309	-4.8	23.4	59
11/14/2008 3:00	-4	1.5	3.4	300	-5.4	22.3	57
11/14/2008 4:00	-5	0.7	1.6	245	-6.8	19.8	63
11/14/2008 5:00	6	0.8	1.8	316	-7.9	17.8	67
11/14/2008 6:00	4	0.6	1.3	226	-10.2	13.6	77
11/14/2008 7:00	2	0.6	1.3	317	-10.4	13.3	79
11/14/2008 8:00	18	0.6	1.3	112	-10.9	12.4	82
11/14/2008 9:00	1	1.2	2.7	153	-6.8	19.8	69
11/14/2008 10:00	-1	2.4	5.4	174	-2.8	27.0	54
11/14/2008 11:00	2	2.3	5.1	179	-0.1	31.8	42
11/14/2008 12:00	1	2.3	5.1	188	1.6	34.9	35
11/14/2008 13:00	1	3.3	7.4	230	2.8	37.0	29
11/14/2008 14:00	-1	3.2	7.2	271	3.6	38.5	27
11/14/2008 15:00	-2	1.6	3.6	356	3.7	38.7	32
11/14/2008 16:00	0	1.6	3.6	3	2.9	37.2	36
11/14/2008 17:00	5	1.2	2.7	9	0.5	32.9	45
11/14/2008 18:00	-3	0.8	1.8	325	-3.1	26.4	64
11/14/2008 19:00	10	1.0	2.2	249	-4.9	23.2	71
11/14/2008 20:00	8	0.8	1.8	202	-5.2	22.6	76
11/14/2008 21:00	6	0.8	1.8	352	-6.5	20.3	79
11/14/2008 22:00	8	0.8	1.8	259	-6.8	19.8	82
11/14/2008 23:00	7	0.7	1.6	190	-6.9	19.6	81
11/15/2008 0:00	18	0.5	1.1	110	-7.1	19.2	82
11/15/2008 1:00	4	0.7	1.6	190	-6.6	20.1	86
11/15/2008 2:00	8	0.8	1.8	291	-5.3	22.5	83
11/15/2008 3:00	1	0.8	1.8	98	-3.7	25.3	80
11/15/2008 4:00	-2	1.2	2.7	356	-3.0	26.6	77
11/15/2008 5:00	-1	1.1	2.5	143	-2.7	27.1	74
11/15/2008 6:00	-3	2.2	4.9	169	0.6	33.1	62
11/15/2008 7:00	4	2.2	4.9	158	3.7	38.7	53
11/15/2008 8:00	-4	1.2	2.7	4	-1.7	28.9	63
11/15/2008 9:00	-2	0.9	2.0	2	-2.4	27.7	67
11/15/2008 10:00	-5	1.3	2.9	252	1.4	34.5	56
11/15/2008 11:00	7	2.2	4.9	139	7.7	45.9	46
11/15/2008 12:00	-5	2.2	4.9	173	8.9	48.0	50
11/15/2008 13:00	-5	3.1	6.9	151	9.2	48.6	51
11/15/2008 14:00	-3	2.9	6.5	158	9.9	49.8	50
11/15/2008 15:00	2	2.7	6.0	214	11.7	53.1	48
11/15/2008 16:00	-1	2.6	5.8	301	9.7	49.5	51
11/15/2008 17:00	0	1.0	2.2	3	5.2	41.4	62
11/15/2008 18:00	-5	3.1	6.9	248	8.6	47.5	54
11/15/2008 19:00	1	2.8	6.3	230	9.3	48.7	50
11/15/2008 20:00	-2	2.7	6.0	213	8.0	46.4	53
11/15/2008 21:00	4	2.6	5.8	153	7.0	44.6	57
11/15/2008 22:00	-4	2.5	5.6	163	6.6	43.9	56
11/15/2008 23:00	4	2.4	5.4	168	6.6	43.9	56
11/16/2008 0:00	-2	2.3	5.1	159	5.5	41.9	60
11/16/2008 1:00	2	2.5	5.6	157	5.6	42.1	60
11/16/2008 2:00	-4	2.9	6.5	175	5.4	41.7	61
11/16/2008 3:00	3	2.0	4.5	159	5.2	41.4	61
11/16/2008 4:00	-4	2.8	6.3	165	5.0	41.0	60
11/16/2008 5:00	6	2.9	6.5	162	5.1	41.2	57
11/16/2008 6:00	-5	3.3	7.4	147	4.3	39.7	59
11/16/2008 7:00	2	3.5	7.8	151	4.5	40.1	56
11/16/2008 8:00	1	2.7	6.0	167	4.1	39.4	56
11/16/2008 9:00	-5	3.2	7.2	164	3.7	38.7	59
11/16/2008 10:00	6	3.5	7.8	173	7.0	44.6	49
11/16/2008 11:00	7	3.3	7.4	168	9.9	49.8	42

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/16/2008 12:00	-4	4.1	9.2	186	11.9	53.4	37
11/16/2008 13:00	8	4.2	9.4	208	13.8	56.8	33
11/16/2008 14:00	-2	4.1	9.2	217	14.4	57.9	31
11/16/2008 15:00	7	3.9	8.7	225	15.7	60.3	27
11/16/2008 16:00	-5	2.4	5.4	244	14.6	58.3	30
11/16/2008 17:00	0	0.8	1.8	327	9.8	49.6	50
11/16/2008 18:00	-5	0.8	1.8	248	4.7	40.5	64
11/16/2008 19:00	2	0.7	1.6	169	3.0	37.4	68
11/16/2008 20:00	-3	1.9	4.3	133	7.5	45.5	49
11/16/2008 21:00	4	1.9	4.3	168	7.9	46.2	44
11/16/2008 22:00	-4	1.9	4.3	170	6.3	43.3	49
11/16/2008 23:00	8	2.0	4.5	163	4.8	40.6	55
11/17/2008 0:00	-4	2.6	5.8	172	5.6	42.1	50
11/17/2008 1:00	3	2.3	5.1	167	5.5	41.9	49
11/17/2008 2:00	-4	2.8	6.3	167	6.3	43.3	45
11/17/2008 3:00	-5	2.2	4.9	163	6.1	43.0	45
11/17/2008 4:00	-2	1.7	3.8	180	4.8	40.6	49
11/17/2008 5:00	2	2.2	4.9	179	1.9	35.4	60
11/17/2008 6:00	2	2.5	5.6	169	1.6	34.9	60
11/17/2008 7:00	3	3.1	6.9	172	2.3	36.1	55
11/17/2008 8:00	2	3.3	7.4	169	2.3	36.1	55
11/17/2008 9:00	-5	3.1	6.9	143	3.3	37.9	53
11/17/2008 10:00	3	3.2	7.2	164	8.2	46.8	39
11/17/2008 11:00	7	3.4	7.6	171	11.2	52.2	34
11/17/2008 12:00	8	3.4	7.6	182	15.0	59.0	26
11/17/2008 13:00	4	3.4	7.6	188	17.4	63.3	20
11/17/2008 14:00	-5	3.9	8.7	169	17.9	64.2	16
11/17/2008 15:00	0	4.2	9.4	176	18.1	64.6	13
11/17/2008 16:00	-1	3.7	8.3	162	16.9	62.4	15
11/17/2008 17:00	-1	3.3	7.4	165	15.4	59.7	20
11/17/2008 18:00	-5	2.7	6.0	167	13.0	55.4	25
11/17/2008 19:00	0	3.0	6.7	168	13.1	55.6	25
11/17/2008 20:00	0	3.2	7.2	182	13.7	56.7	22
11/17/2008 21:00	0	3.6	8.1	180	14.0	57.2	21
11/17/2008 22:00	2	3.7	8.3	188	12.9	55.2	24
11/17/2008 23:00	-5	3.6	8.1	187	12.5	54.5	25
11/18/2008 0:00	0	3.5	7.8	181	13.6	56.5	20
11/18/2008 1:00	7	3.6	8.1	187	12.9	55.2	22
11/18/2008 2:00	-2	3.6	8.1	178	12.6	54.7	22
11/18/2008 3:00	-3	3.6	8.1	170	12.1	53.8	24
11/18/2008 4:00	-1	3.4	7.6	186	9.8	49.6	31
11/18/2008 5:00	1	3.7	8.3	195	9.3	48.7	32
11/18/2008 6:00	1	3.2	7.2	165	8.4	47.1	35
11/18/2008 7:00	-2	3.0	6.7	161	8.2	46.8	36
11/18/2008 8:00	0	2.5	5.6	159	7.9	46.2	38
11/18/2008 9:00	-4	2.6	5.8	158	8.8	47.8	37
11/18/2008 10:00	6	3.2	7.2	168	11.8	53.2	30
11/18/2008 11:00	13	4.5	10.1	201	14.3	57.7	26
11/18/2008 12:00	11	4.3	9.6	196	16.0	60.8	24
11/18/2008 13:00	2	3.6	8.1	198	17.8	64.0	23
11/18/2008 14:00	10	3.2	7.2	229	19.1	66.4	19
11/18/2008 15:00	5	3.3	7.4	265	18.9	66.0	19
11/18/2008 16:00	8	1.6	3.6	237	18.1	64.6	20
11/18/2008 17:00	-4	1.6	3.6	205	14.8	58.6	28
11/18/2008 18:00	-5	1.1	2.5	147	9.1	48.4	43
11/18/2008 19:00	3	1.6	3.6	175	7.8	46.0	44
11/18/2008 20:00	15	1.8	4.0	195	8.5	47.3	43
11/18/2008 21:00	3	0.7	1.6	261	3.1	37.6	59
11/18/2008 22:00	1	0.7	1.6	273	-0.3	31.5	71
11/18/2008 23:00	21	0.8	1.8	150	-1.5	29.3	75
11/19/2008 0:00	11	0.7	1.6	179	-1.8	28.8	78
11/19/2008 1:00	7	0.6	1.3	103	-2.6	27.3	80
11/19/2008 2:00	4	0.7	1.6	92	-2.8	27.0	80
11/19/2008 3:00	8	0.8	1.8	178	-2.3	27.9	81
11/19/2008 4:00	3	0.9	2.0	157	-0.8	30.6	78
11/19/2008 5:00	5	0.9	2.0	147	-0.6	30.9	77
11/19/2008 6:00	14	0.8	1.8	168	-0.2	31.6	77
11/19/2008 7:00	8	0.5	1.1	114	-1.1	30.0	80
11/19/2008 8:00	12	0.6	1.3	336	-2.8	27.0	85
11/19/2008 9:00	9	0.6	1.3	145	-2.8	27.0	85
11/19/2008 10:00	3	0.6	1.3	23	-0.3	31.5	80
11/19/2008 11:00	10	1.7	3.8	8	2.4	36.3	72
11/19/2008 12:00	-1	2.9	6.5	0	2.0	35.6	69
11/19/2008 13:00	-5	2.8	6.3	3	1.7	35.1	67
11/19/2008 14:00	-1	3.0	6.7	5	2.1	35.8	62
11/19/2008 15:00	3	2.4	5.4	9	1.5	34.7	63
11/19/2008 16:00	10	2.2	4.9	11	-0.2	31.6	72
11/19/2008 17:00	1	1.2	2.7	34	-1.2	29.8	79
11/19/2008 18:00	2	0.7	1.6	27	-1.3	29.7	76
11/19/2008 19:00	2	0.7	1.6	16	-1.5	29.3	75
11/19/2008 20:00	6	0.6	1.3	76	-1.9	28.6	75
11/19/2008 21:00	0	0.5	1.1	60	-2.5	27.5	76
11/19/2008 22:00	1	0.8	1.8	37	-2.5	27.5	75
11/19/2008 23:00	1	0.6	1.3	29	-2.5	27.5	75
11/20/2008 0:00	10	0.5	1.1	229	-3.1	26.4	79
11/20/2008 1:00	-1	0.6	1.3	172	-3.1	26.4	79
11/20/2008 2:00	1	0.7	1.6	168	-2.5	27.5	78
11/20/2008 3:00	5	0.4	0.9	213	-2.6	27.3	79
11/20/2008 4:00	2	0.6	1.3	182	-2.9	26.8	80
11/20/2008 5:00	-5	1.0	2.2	201	-2.6	27.3	78
11/20/2008 6:00	5	0.9	2.0	5	-2.1	28.2	74
11/20/2008 7:00	-5	1.3	2.9	142	-1.5	29.3	69
11/20/2008 8:00	4	1.4	3.1	201	-2.2	28.0	71
11/20/2008 9:00	-5	1.4	3.1	142	-1.6	29.1	68

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly (µg/m³)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/20/2008 10:00	-4	2.3	5.1	148	0.5	32.9	58
11/20/2008 11:00	-1	3.0	6.7	149	0.9	33.6	56
11/20/2008 12:00	9	3.3	7.4	147	2.7	36.9	49
11/20/2008 13:00	3	3.0	6.7	139	4.2	39.6	44
11/20/2008 14:00	1	1.4	3.1	115	5.7	42.3	39
11/20/2008 15:00	8	1.4	3.1	16	6.5	43.7	41
11/20/2008 16:00	5	3.3	7.4	133	6.3	43.3	47
11/20/2008 17:00	AV	AV	AV	AV	AV	AV	AV
11/20/2008 18:00	AV	AV	AV	AV	AV	AV	AV
11/20/2008 19:00	4	4.3	9.6	146	6.2	43.2	49
11/20/2008 20:00	4	2.7	6.0	174	4.9	40.8	54
11/20/2008 21:00	-5	2.1	4.7	198	5.0	41.0	63
11/20/2008 22:00	14	3.2	7.2	291	2.0	35.6	73
11/20/2008 23:00	-3	1.2	2.7	161	0.9	33.6	76
11/21/2008 0:00	-5	2.7	6.0	237	1.0	33.8	73
11/21/2008 1:00	-1	2.6	5.8	239	0.9	33.6	65
11/21/2008 2:00	0	2.4	5.4	248	0.6	33.1	64
11/21/2008 3:00	-5	2.3	5.1	215	0.4	32.7	64
11/21/2008 4:00	3	2.6	5.8	225	0.5	32.9	65
11/21/2008 5:00	-5	4.5	10.1	245	0.5	32.9	63
11/21/2008 6:00	-4	5.3	11.9	259	0.6	33.1	58
11/21/2008 7:00	-2	5.7	12.8	264	0.3	32.5	57
11/21/2008 8:00	1	3.7	8.3	265	-0.2	31.6	58
11/21/2008 9:00	2	4.4	9.8	249	0.0	32.0	56
11/21/2008 10:00	0	4.8	10.7	249	1.5	34.7	49
11/21/2008 11:00	-5	3.4	7.6	244	2.0	35.6	45
11/21/2008 12:00	4	5.6	12.5	241	2.9	37.2	43
11/21/2008 13:00	-5	5.8	13.0	248	3.0	37.4	42
11/21/2008 14:00	-5	5.0	11.2	268	3.2	37.8	37
11/21/2008 15:00	3	3.6	8.1	281	3.7	38.7	34
11/21/2008 16:00	3	1.7	3.8	236	4.1	39.4	35
11/21/2008 17:00	-5	3.0	6.7	204	1.9	35.4	43
11/21/2008 18:00	2	1.6	3.6	198	-0.6	30.9	50
11/21/2008 19:00	-5	1.8	4.0	173	-1.5	29.3	52
11/21/2008 20:00	0	2.6	5.8	185	-0.7	30.7	46
11/21/2008 21:00	-5	2.9	6.5	197	-1.0	30.2	46
11/21/2008 22:00	4	2.3	5.1	191	-1.7	28.9	46
11/21/2008 23:00	-5	1.9	4.3	202	-2.4	27.7	47
11/22/2008 0:00	-5	2.9	6.5	188	-0.6	30.9	40
11/22/2008 1:00	-5	4.2	9.4	168	1.6	34.9	32
11/22/2008 2:00	-5	4.7	10.5	166	2.0	35.6	31
11/22/2008 3:00	3	4.4	9.8	167	1.8	35.2	31
11/22/2008 4:00	-5	3.8	8.5	183	1.6	34.9	32
11/22/2008 5:00	-5	3.2	7.2	174	1.7	35.1	31
11/22/2008 6:00	5	3.2	7.2	177	1.5	34.7	33
11/22/2008 7:00	-5	3.2	7.2	178	0.7	33.3	35
11/22/2008 8:00	1	2.0	4.5	170	-0.1	31.8	37
11/22/2008 9:00	-5	2.3	5.1	182	0.3	32.5	36
11/22/2008 10:00	-5	3.1	6.9	176	2.7	36.9	31
11/22/2008 11:00	4	3.5	7.8	179	4.6	40.3	28
11/22/2008 12:00	-5	4.0	8.9	187	5.8	42.4	29
11/22/2008 13:00	4	3.2	7.2	210	6.6	43.9	30
11/22/2008 14:00	-5	3.4	7.6	263	4.4	39.9	51
11/22/2008 15:00	-3	1.5	3.4	172	4.1	39.4	52
11/22/2008 16:00	0	1.3	2.9	188	3.7	38.7	54
11/22/2008 17:00	4	1.9	4.3	246	3.3	37.9	54
11/22/2008 18:00	-5	2.6	5.8	251	2.4	36.3	57
11/22/2008 19:00	11	1.8	4.0	278	1.6	34.9	61
11/22/2008 20:00	-1	1.6	3.6	30	0.2	32.4	67
11/22/2008 21:00	-5	1.4	3.1	350	-0.3	31.5	64
11/22/2008 22:00	2	1.0	2.2	293	-1.1	30.0	62
11/22/2008 23:00	4	0.6	1.3	37	-1.8	28.8	69
11/23/2008 0:00	7	0.8	1.8	54	-1.7	28.9	67
11/23/2008 1:00	4	0.8	1.8	35	-3.0	26.6	69
11/23/2008 2:00	-4	1.0	2.2	332	-4.4	24.1	70
11/23/2008 3:00	-2	0.7	1.6	131	-4.5	23.9	70
11/23/2008 4:00	-5	1.0	2.2	151	-4.4	24.1	69
11/23/2008 5:00	2	0.8	1.8	234	-4.8	23.4	72
11/23/2008 6:00	-5	3.0	6.7	235	-3.2	26.2	60
11/23/2008 7:00	-1	3.1	6.9	228	-3.4	25.9	57
11/23/2008 8:00	-4	1.2	2.7	275	-5.9	21.4	66
11/23/2008 9:00	-5	1.9	4.3	166	-4.9	23.2	61
11/23/2008 10:00	2	3.0	6.7	192	-1.3	29.7	49
11/23/2008 11:00	0	3.1	6.9	205	0.7	33.3	41
11/23/2008 12:00	0	2.8	6.3	195	2.1	35.8	36
11/23/2008 13:00	0	2.2	4.9	206	3.3	37.9	34
11/23/2008 14:00	2	1.4	3.1	16	3.3	37.9	35
11/23/2008 15:00	4	1.7	3.8	353	3.1	37.6	38
11/23/2008 16:00	1	1.1	2.5	6	2.7	36.9	38
11/23/2008 17:00	0	0.7	1.6	301	-0.9	30.4	52
11/23/2008 18:00	-5	0.8	1.8	251	-5.3	22.5	68
11/23/2008 19:00	15	0.6	1.3	297	-7.2	19.0	75
11/23/2008 20:00	9	0.6	1.3	205	-8.4	16.9	79
11/23/2008 21:00	4	0.3	0.7	355	-9.7	14.5	84
11/23/2008 22:00	-1	1.0	2.2	177	-8.8	16.2	79
11/23/2008 23:00	3	1.4	3.1	159	-7.4	18.7	71
11/24/2008 0:00	0	2.0	4.5	180	-6.3	20.7	65
11/24/2008 1:00	6	1.4	3.1	164	-6.1	21.0	62
11/24/2008 2:00	4	1.0	2.2	58	-7.2	19.0	66
11/24/2008 3:00	-2	0.7	1.6	78	-8.8	16.2	71
11/24/2008 4:00	1	2.3	5.1	189	-5.3	22.5	56
11/24/2008 5:00	15	1.1	2.5	18	-9.5	14.9	73
11/24/2008 6:00	15	0.7	1.6	174	-12.6	9.3	83
11/24/2008 7:00	11	0.6	1.3	137	-12.9	8.8	84

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly ($\mu\text{g}/\text{m}^3$)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/24/2008 8:00	10	0.5	1.1	317	-12.6	9.3	83
11/24/2008 9:00	-3	0.4	0.9	69	-10.9	12.4	81
11/24/2008 10:00	3	0.6	1.3	36	-5.8	21.6	67
11/24/2008 11:00	3	0.9	2.0	79	-2.0	28.4	56
11/24/2008 12:00	2	3.2	7.2	159	4.1	39.4	33
11/24/2008 13:00	-5	4.2	9.4	179	6.9	44.4	26
11/24/2008 14:00	9	4.3	9.6	184	8.6	47.5	21
11/24/2008 15:00	BA	BA	BA	94	48.9	89	
11/24/2008 16:00	15	3.4	7.6	198	8.6	47.5	22
11/24/2008 17:00	-2	1.5	3.4	315	1.7	35.1	46
11/24/2008 18:00	16	0.7	1.6	255	-2.6	27.3	59
11/24/2008 19:00	12	0.5	1.1	184	-5.7	21.7	73
11/24/2008 20:00	7	0.7	1.6	250	-7.7	18.1	76
11/24/2008 21:00	-5	0.9	2.0	210	-6.1	21.0	71
11/24/2008 22:00	10	0.9	2.0	239	-5.9	21.4	67
11/24/2008 23:00	3	0.8	1.8	335	-6.8	19.8	71
11/25/2008 0:00	4	0.9	2.0	355	-8.2	17.2	76
11/25/2008 1:00	7	0.6	1.3	217	-9.5	14.9	80
11/25/2008 2:00	1	0.5	1.1	205	-10.3	13.5	85
11/25/2008 3:00	2	0.7	1.6	33	-9.7	14.5	84
11/25/2008 4:00	-5	0.8	1.8	83	-10.0	14.0	83
11/25/2008 5:00	9	0.6	1.3	354	-10.0	14.0	80
11/25/2008 6:00	-5	0.5	1.1	14	-10.8	12.6	81
11/25/2008 7:00	2	0.7	1.6	251	-11.4	11.5	83
11/25/2008 8:00	1	0.6	1.3	12	-11.3	11.7	84
11/25/2008 9:00	4	0.5	1.1	286	-10.3	13.5	83
11/25/2008 10:00	3	0.6	1.3	338	-6.3	20.7	73
11/25/2008 11:00	2	0.7	1.6	23	-2.9	26.8	65
11/25/2008 12:00	4	1.1	2.5	16	-1.0	30.2	61
11/25/2008 13:00	8	1.6	3.6	16	0.6	33.1	55
11/25/2008 14:00	9	1.4	3.1	0	2.3	36.1	49
11/25/2008 15:00	-1	0.8	1.8	9	3.0	37.4	49
11/25/2008 16:00	12	0.6	1.3	12	3.0	37.4	49
11/25/2008 17:00	15	0.6	1.3	8	2.0	35.6	52
11/25/2008 18:00	10	0.6	1.3	258	-3.1	26.4	70
11/25/2008 19:00	18	0.7	1.6	203	-5.6	21.9	78
11/25/2008 20:00	-1	1.0	2.2	163	-6.3	20.7	79
11/25/2008 21:00	16	1.1	2.5	181	-5.9	21.4	74
11/25/2008 22:00	14	0.8	1.8	120	-3.7	25.3	68
11/25/2008 23:00	19	0.6	1.3	4	-7.1	19.2	77
11/26/2008 0:00	-5	0.8	1.8	210	-9.0	15.8	83
11/26/2008 1:00	5	2.5	5.6	178	-2.6	27.3	63
11/26/2008 2:00	5	2.6	5.8	174	-1.3	29.7	57
11/26/2008 3:00	-4	2.6	5.8	172	0.3	32.5	53
11/26/2008 4:00	7	1.4	3.1	131	-0.4	31.3	55
11/26/2008 5:00	8	1.0	2.2	37	-3.6	25.5	67
11/26/2008 6:00	9	1.4	3.1	5	-6.2	20.8	78
11/26/2008 7:00	10	1.1	2.5	326	-7.0	19.4	80
11/26/2008 8:00	8	1.0	2.2	140	-5.9	21.4	79
11/26/2008 9:00	3	1.0	2.2	126	-4.1	24.6	75
11/26/2008 10:00	9	0.7	1.6	123	-1.7	28.9	70
11/26/2008 11:00	6	0.8	1.8	57	1.5	34.7	63
11/26/2008 12:00	11	1.3	2.9	29	3.8	38.8	61
11/26/2008 13:00	1	2.0	4.5	24	4.5	40.1	61
11/26/2008 14:00	1	2.4	5.4	24	4.7	40.5	55
11/26/2008 15:00	3	2.3	5.1	30	4.9	40.8	50
11/26/2008 16:00	3	1.8	4.0	32	4.2	39.6	43
11/26/2008 17:00	-4	1.3	2.9	31	1.9	35.4	45
11/26/2008 18:00	0	1.2	2.7	286	-3.5	25.7	59
11/26/2008 19:00	11	0.8	1.8	229	-7.2	19.0	74
11/26/2008 20:00	4	0.8	1.8	175	-8.2	17.2	78
11/26/2008 21:00	9	1.0	2.2	149	-7.8	18.0	76
11/26/2008 22:00	4	1.0	2.2	136	-9.3	15.3	79
11/26/2008 23:00	-5	1.0	2.2	131	-10.2	13.6	80
11/27/2008 0:00	25	0.7	1.6	139	-9.8	14.4	81
11/27/2008 1:00	14	1.2	2.7	172	-9.4	15.1	78
11/27/2008 2:00	6	1.2	2.7	161	-10.0	14.0	78
11/27/2008 3:00	9	1.8	4.0	171	-9.8	14.4	78
11/27/2008 4:00	2	1.7	3.8	187	-9.4	15.1	78
11/27/2008 5:00	5	0.9	2.0	142	-10.4	13.3	80
11/27/2008 6:00	-5	1.2	2.7	160	-9.4	15.1	78
11/27/2008 7:00	10	1.5	3.4	177	-8.8	16.2	76
11/27/2008 8:00	-2	2.3	5.1	173	-8.9	16.0	76
11/27/2008 9:00	-3	3.1	6.9	190	-7.2	19.0	70
11/27/2008 10:00	-1	2.9	6.5	203	-3.8	25.2	62
11/27/2008 11:00	7	1.3	2.9	23	-2.6	27.3	62
11/27/2008 12:00	-1	1.1	2.5	53	0.0	32.0	54
11/27/2008 13:00	1	1.7	3.8	131	3.3	37.9	45
11/27/2008 14:00	-5	2.8	6.3	211	5.4	41.7	38
11/27/2008 15:00	7	1.7	3.8	26	5.4	41.7	41
11/27/2008 16:00	12	1.5	3.4	9	2.9	37.2	49
11/27/2008 17:00	7	1.0	2.2	337	-1.4	29.5	61
11/27/2008 18:00	0	0.7	1.6	196	-6.2	20.8	75
11/27/2008 19:00	3	0.9	2.0	172	-6.2	20.8	77
11/27/2008 20:00	11	0.9	2.0	239	-6.8	19.8	79
11/27/2008 21:00	-3	0.8	1.8	50	-6.6	20.1	79
11/27/2008 22:00	5	1.3	2.9	241	-5.2	22.6	78
11/27/2008 23:00	6	1.1	2.5	192	-4.6	23.7	78
11/28/2008 0:00	-2	2.0	4.5	157	-2.9	26.8	73
11/28/2008 1:00	8	2.3	5.1	166	-2.8	27.0	74
11/28/2008 2:00	4	2.3	5.1	164	-2.3	27.9	74
11/28/2008 3:00	1	1.9	4.3	182	-2.1	28.2	71
11/28/2008 4:00	9	1.1	2.5	326	-5.3	22.5	78
11/28/2008 5:00	6	0.8	1.8	160	-5.8	21.6	81

Date & Time Mountain Standard Time (data for hour ending)	PM10 Hourly ($\mu\text{g}/\text{m}^3$)	Wind Speed Hourly (meters per second)	Wind Speed Hourly (miles per hour)	Wind Direction Hourly (degrees true)	Air Temperature Hourly (Celsius)	Air Temperature Hourly (Fahrenheit)	Relative Humidity Hourly (percent)
11/28/2008 6:00	3	0.9	2.0	344	-4.7	23.5	81
11/28/2008 7:00	12	0.9	2.0	273	-4.1	24.6	80
11/28/2008 8:00	4	0.7	1.6	72	-3.9	25.0	80
11/28/2008 9:00	5	0.7	1.6	332	-3.1	26.4	77
11/28/2008 10:00	-2	0.8	1.8	1	-1.3	29.7	72
11/28/2008 11:00	-2	1.3	2.9	19	1.0	33.8	67
11/28/2008 12:00	3	1.7	3.8	32	2.5	36.5	61
11/28/2008 13:00	10	1.6	3.6	28	3.5	38.3	56
11/28/2008 14:00	1	1.7	3.8	17	3.6	38.5	55
11/28/2008 15:00	-1	2.9	6.5	324	4.3	39.7	48
11/28/2008 16:00	-5	3.1	6.9	288	4.2	39.6	46
11/28/2008 17:00	-1	2.1	4.7	303	3.4	38.1	52
11/28/2008 18:00	0	1.1	2.5	34	1.3	34.3	61
11/28/2008 19:00	0	0.9	2.0	100	0.8	33.4	63
11/28/2008 20:00	6	1.8	4.0	277	1.1	34.0	63
11/28/2008 21:00	0	1.6	3.6	312	0.8	33.4	65
11/28/2008 22:00	-5	1.4	3.1	290	-0.1	31.8	69
11/28/2008 23:00	4	1.0	2.2	15	0.1	32.2	70
11/29/2008 0:00	-4	1.3	2.9	312	-0.3	31.5	73
11/29/2008 1:00	-1	1.1	2.5	306	-1.1	30.0	79
11/29/2008 2:00	1	0.7	1.6	285	-1.1	30.0	79
11/29/2008 3:00	2	0.5	1.1	339	-1.2	29.8	81
11/29/2008 4:00	-1	0.7	1.6	327	-1.2	29.8	81
11/29/2008 5:00	-3	0.8	1.8	301	-1.3	29.7	81
11/29/2008 6:00	0	0.8	1.8	308	-1.2	29.8	81
11/29/2008 7:00	1	0.7	1.6	48	-1.0	30.2	81
11/29/2008 8:00	3	1.3	2.9	317	-1.0	30.2	83
11/29/2008 9:00	6	1.3	2.9	314	-0.4	31.3	84
11/29/2008 10:00	-5	0.8	1.8	359	0.4	32.7	83
11/29/2008 11:00	-2	1.5	3.4	4	1.4	34.5	81
11/29/2008 12:00	0	1.2	2.7	354	2.1	35.8	80
11/29/2008 13:00	-1	1.1	2.5	339	2.6	36.7	77
11/29/2008 14:00	4	1.7	3.8	340	3.3	37.9	75
11/29/2008 15:00	3	1.7	3.8	348	3.5	38.3	76
11/29/2008 16:00	-1	1.6	3.6	335	3.2	37.8	77
11/29/2008 17:00	-5	1.0	2.2	5	2.6	36.7	80
11/29/2008 18:00	9	1.7	3.8	330	1.4	34.5	85
11/29/2008 19:00	0	0.8	1.8	347	1.1	34.0	86
11/29/2008 20:00	1	0.9	2.0	357	1.4	34.5	86
11/29/2008 21:00	-5	0.9	2.0	42	2.0	35.6	84
11/29/2008 22:00	-5	0.8	1.8	30	1.9	35.4	86
11/29/2008 23:00	-5	1.1	2.5	100	1.6	34.9	88
11/30/2008 0:00	6	0.8	1.8	215	1.0	33.8	89
11/30/2008 1:00	9	0.6	1.3	325	0.3	32.5	90
11/30/2008 2:00	20	1.1	2.5	300	0.8	33.4	90
11/30/2008 3:00	7	0.8	1.8	303	0.9	33.6	90
11/30/2008 4:00	3	0.9	2.0	180	0.6	33.1	90
11/30/2008 5:00	1	0.6	1.3	286	0.5	32.9	91
11/30/2008 6:00	-5	0.8	1.8	288	0.8	33.4	91
11/30/2008 7:00	20	0.6	1.3	49	2.0	35.6	88
11/30/2008 8:00	-5	0.9	2.0	225	1.2	34.2	90
11/30/2008 9:00	7	0.7	1.6	130	0.9	33.6	91
11/30/2008 10:00	10	1.0	2.2	20	2.2	36.0	90
11/30/2008 11:00	-4	1.7	3.8	360	4.1	39.4	85
11/30/2008 12:00	-2	1.6	3.6	5	4.7	40.5	84
11/30/2008 13:00	-5	1.4	3.1	0	5.6	42.1	82
11/30/2008 14:00	3	1.7	3.8	24	6.9	44.4	74
11/30/2008 15:00	-5	1.3	2.9	22	6.5	43.7	76
11/30/2008 16:00	-4	1.2	2.7	2	5.8	42.4	79
11/30/2008 17:00	1	1.1	2.5	340	4.5	40.1	82
11/30/2008 18:00	0	0.8	1.8	320	1.9	35.4	87
11/30/2008 19:00	-5	0.6	1.3	191	-0.5	31.1	90
11/30/2008 20:00	10	1.0	2.2	170	-1.1	30.0	91
11/30/2008 21:00	3	0.6	1.3	171	-1.5	29.3	91
11/30/2008 22:00	0	0.6	1.3	215	-2.5	27.5	91
11/30/2008 23:00	6	0.8	1.8	156	-2.6	27.3	91
12/1/2008 0:00	28	1.6	3.6	167	-0.2	31.6	89

AV = Power outage

BA = Routine maintenance / repairs